



Petroleum Supply Monthly

November 2013

With Data for September 2013



Energy Information Administration

EIA DATA ARE AVAILABLE IN ELECTRONIC FORM

All current EIA publications are available on the EIA web site. Users can view and download selected pages or entire reports, search for information, download EIA data and analysis applications, and find out about new EIA information products and services:

World Wide Web: <http://www.eia.doe.gov>

FTP: <ftp://ftp.eia.doe.gov>

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, please call the NEIC at 202-586-8800 or email them at infoctr@eia.doe.gov. This service is provided free of charge for a single copy. Please note: NEIC will not accept or print multiple copy orders.

For further information, and for answers to questions on energy statistics, please contact EIA's National Energy Information Center at:

National Energy Information Center (NEIC)
EI-30, Forrestal Building
Washington, DC 20585
(202) 586-8800 (phone) (202) 586-0727 (fax)
9:00 a.m. to 4:00 p.m., Eastern Time, M-F
E-mail: infoctr@eia.doe.gov

Release Date: November 27, 2013

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be attributed to the Energy Information Administration and should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

Petroleum Supply Monthly

November 2013

With Data for September 2013

Energy Information Administration

Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

This report is available on the World Wide Web at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the U.S. Department of Energy. The information contained herein should be attributed to the Energy Information Administration and should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication:

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix D (Northeast Home Heating Oil Reserve) - Contains volumes of heating oil held in terminals by the government as a reserve to reduce the risks of home heating oil shortages.

Industry terminology and product definitions are listed alphabetically in the Glossary. Final statistics for the data series published in the *PSM*, as well as additional data from the annual refinery survey are published in the *PSA*. The *PSA* is published approximately six months after the end of the report year.

Contents

Page

Detailed Statistics Tables

National Statistics

1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products	7
2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products.....	8
3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products	9
4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products.....	10

Supply and Disposition of Crude Oil and Petroleum Products

5. PAD District 1.....	11
6. Year-to-Date PAD District 1	12
7. Daily Average PAD District 1.....	13
8. Year-to-Date Daily Average PAD District 1	14
9. PAD District 2.....	15
10. Year-to-Date PAD District 2	16
11. Daily Average PAD District 2.....	17
12. Year-to-Date Daily Average PAD District 2	18
13. PAD District 3.....	19
14. Year-to-Date PAD District 3	20
15. Daily Average PAD District 3.....	21
16. Year-to-Date Daily Average PAD District 3	22
17. PAD District 4.....	23
18. Year-to-Date PAD District 4	24
19. Daily Average PAD District 4.....	25
20. Year-to-Date Daily Average PAD District 4	26
21. PAD District 5.....	27
22. Year-to-Date PAD District 5	28
23. Daily Average PAD District 5.....	29
24. Year-to-Date Daily Average PAD District 5	30

Crude Oil

25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District	31
26. Production of Crude Oil by PAD District and State.....	32

Natural Gas Processing

27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts	33
---	----

Refinery Operations

28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	34
29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts	36
30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts	38
31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts.....	40
32. Blender Net Inputs of Petroleum Products by PAD District	42
33. Blender Net Production of Petroleum Products by PAD District.....	43
34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts.....	44
35. Percent Yield of Petroleum Products by PAD and Refining Districts	46

Imports of Crude Oil and Petroleum Products State of Entry

36. Imports of Residual Fuel Oil by Sulfur Content	47
--	----

PAD District

37. Imports of Crude Oil and Petroleum Products	48
38. Year-to-Date Imports of Crude Oil and Petroleum Products.....	49

Country of Origin

39. United States.....	50
40. Year-to-Date United States	54
41. PAD District 1.....	58
42. PAD District 2.....	62
43. PAD District 3.....	66
44. PAD Districts 4 and 5	70
45. Year-to-Date PAD District 1	74
46. Year-to-Date PAD District 2	78
47. Year-to-Date PAD District 3	82

48. Year-to-Date PAD Districts 4 and 5.....	86
Exports of Crude Oil and Petroleum Products	
49. Exports of Crude Oil and Petroleum Products by PAD District.....	90
50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District	91
51. Exports of Crude Oil and Petroleum Products by Destination.....	92
52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination	96
Net Imports	
53. Net Imports of Crude Oil and Petroleum Products into the United States by Country	100
54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country	104
Stocks	
55. Stocks of Crude Oil and Petroleum Products by PAD District	108
56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State	111
Movements of Crude Oil and Petroleum Products	
57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts	113
58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts.....	115
59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts	117
60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts.....	119
Appendices	
A. District Descriptions and Maps.....	121
B. Explanatory Notes	123
D. Northeast Home Heating Oil Reserve.....	137
Glossary	
Definitions of Petroleum Products and Other Terms	138

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	233,810	--	--	237,344	8,334	7,688	468,825	2,975	0	1,067,149
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	81,196	-552	19,023	4,020	--	3,027	16,794	13,937	69,929	189,672
Pentanes Plus	11,167	-552	--	772	--	-700	5,666	2,989	3,432	18,036
Liquefied Petroleum Gases	70,029	--	19,023	3,248	--	3,727	11,128	10,947	66,498	171,636
Ethane/Ethylene	30,015	--	379	9	--	-414	--	--	30,817	34,444
Propane/Propylene	25,545	--	17,254	2,603	--	2,582	--	10,040	32,780	67,782
Normal Butane/Butylene	6,893	--	1,738	333	--	999	4,711	907	2,347	58,942
Isobutane/Isobutylene	7,576	--	-348	303	--	560	6,417	--	554	10,468
Other Liquids	--	30,440	--	40,118	8,884	9,117	57,769	6,579	5,977	281,768
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	30,442	--	2,259	3,631	-1,092	33,881	3,543	0	20,193
Hydrogen	--	--	--	--	6,226	--	6,226	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,857	--	--	-19	-112	74	1,876	0	966
Renewable Fuels (Including Fuel Ethanol) ...	--	28,585	--	2,000	-2,361	-975	27,532	1,667	0	19,206
Fuel Ethanol ⁵	--	25,564	--	704	-493	-931	25,418	1,288	0	16,040
Renewable Fuels Except Fuel Ethanol	--	3,021	--	1,296	-1,867	-44	2,114	380	0	3,166
Other Hydrocarbons	--	--	--	259	-215	-5	49	--	0	21
Unfinished Oils	--	--	--	22,895	--	62	16,850	--	5,983	82,761
Motor Gasoline Blend.Comp. (MGBC)	--	-2	--	14,964	5,253	10,153	7,026	3,036	0	178,811
Reformulated	--	--	--	5,639	4,009	386	8,448	814	0	47,370
Conventional	--	-2	--	9,325	1,244	9,767	-1,422	2,222	0	131,441
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-6	12	--	-6	3
Finished Petroleum Products	--	55	559,078	17,898	-2,765	-8,744	--	85,433	497,576	293,032
Finished Motor Gasoline	--	55	273,596	1,205	-4,760	-8,342	--	10,897	267,541	40,440
Reformulated	--	--	90,477	--	-3,514	11	--	--	86,952	43
Conventional	--	55	183,119	1,205	-1,246	-8,353	--	10,897	180,589	40,397
Finished Aviation Gasoline	--	--	454	1	--	138	--	--	317	1,098
Kerosene-Type Jet Fuel	--	--	46,324	2,047	--	1,591	--	4,217	42,563	41,086
Kerosene	--	--	96	313	--	286	--	5	118	1,836
Distillate Fuel Oil ⁶	--	--	146,675	3,961	1,994	-44	--	41,279	111,395	128,607
15 ppm sulfur and under ⁷	--	--	132,958	2,532	1,994	-1,631	--	34,431	104,684	105,463
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	4,275	29	--	303	--	3,809	192	4,598
Greater than 500 ppm sulfur	--	--	9,442	1,400	--	1,284	--	3,039	6,519	18,546
Residual Fuel Oil ⁸	--	--	12,847	6,880	--	465	--	8,798	10,464	35,705
Less than 0.31 percent sulfur	--	--	1,478	234	--	144	--	NA	NA	3,096
0.31 to 1.00 percent sulfur	--	--	1,917	2,017	--	837	--	NA	NA	7,132
Greater than 1.00 percent sulfur	--	--	9,452	4,629	--	-516	--	NA	NA	25,477
Petrochemical Feedstocks	--	--	10,371	990	--	190	--	--	11,171	3,865
Naphtha for Petro. Feed. Use	--	--	7,193	909	--	96	--	--	8,006	2,227
Other Oils for Petro. Feed. Use	--	--	3,178	81	--	94	--	--	3,165	1,638
Special Naphthas	--	--	979	433	--	-193	--	1,526	79	1,303
Lubricants	--	--	5,445	577	--	70	--	2,207	3,745	9,146
Waxes	--	--	242	109	--	-10	--	185	176	771
Petroleum Coke	--	--	26,440	158	--	-533	--	15,335	11,796	8,269
Marketable	--	--	19,356	158	--	-533	--	15,335	4,712	8,269
Catalyst	--	--	7,084	--	--	--	--	--	7,084	--
Asphalt and Road Oil	--	--	11,319	1,217	--	-2,408	--	953	13,991	20,339
Still Gas	--	--	21,754	--	--	--	--	--	21,754	--
Miscellaneous Products	--	--	2,536	7	--	46	--	31	2,466	567
Total	315,006	29,943	578,101	299,380	14,453	11,088	543,388	108,925	573,483	1,831,621

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	2,003,948	--	--	2,123,490	65,265	6,899	4,157,486	28,318	0	1,067,149
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	686,936	-4,909	195,516	47,812	--	36,219	127,051	118,364	643,721	189,672
Pentanes Plus	92,842	-4,909	--	10,243	--	5,434	45,768	36,639	10,335	18,036
Liquefied Petroleum Gases	594,094	--	195,516	37,569	--	30,785	81,283	81,725	633,386	171,636
Ethane/Ethylene	254,171	--	3,899	92	--	-952	--	--	259,114	34,444
Propane/Propylene	216,829	--	153,813	31,725	--	-208	--	72,773	329,802	67,782
Normal Butane/Butylene	56,318	--	38,554	3,014	--	30,257	29,408	8,952	29,269	58,942
Isobutane/Isobutylene	66,776	--	-750	2,738	--	1,688	51,875	--	15,201	10,468
Other Liquids	--	271,318	--	359,423	48,605	2,306	594,726	62,115	20,198	281,768
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	271,350	--	14,836	40,286	-3,526	300,154	29,843	0	20,193
Hydrogen	--	--	--	--	53,860	--	53,860	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	17,207	--	246	-164	130	603	16,556	0	966
Renewable Fuels (including Fuel Ethanol) ...	--	254,143	--	13,395	-12,587	-3,635	245,298	13,288	0	19,206
Fuel Ethanol ⁵	--	231,649	--	7,015	-1,608	-4,637	231,669	10,024	0	16,040
Renewable Fuels Except Fuel Ethanol	--	22,494	--	6,380	-10,979	1,002	13,629	3,264	0	3,166
Other Hydrocarbons	--	--	--	1,195	-823	-21	393	--	0	21
Unfinished Oils	--	--	--	181,491	--	1,082	160,138	--	20,271	82,761
Motor Gasoline Blend.Comp. (MGBC)	--	-32	--	163,096	8,319	4,774	134,337	32,272	0	178,811
Reformulated	--	--	--	51,712	46,456	-3,202	93,281	8,089	0	47,370
Conventional	--	-32	--	111,384	-38,138	7,976	41,056	24,182	0	131,441
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-24	97	--	-73	3
Finished Petroleum Products	--	390	4,981,803	172,925	4,857	-20,553	--	722,116	4,458,412	293,032
Finished Motor Gasoline	--	390	2,477,709	12,306	-6,711	-16,377	--	102,305	2,397,766	40,440
Reformulated	--	--	828,139	--	-40,288	0	--	--	787,851	43
Conventional	--	390	1,649,570	12,306	33,578	-16,377	--	102,305	1,609,916	40,397
Finished Aviation Gasoline	--	--	3,467	17	--	55	--	--	3,429	1,098
Kerosene-Type Jet Fuel	--	--	409,670	18,951	--	1,626	--	41,156	385,839	41,086
Kerosene	--	--	2,386	331	--	113	--	1,161	1,443	1,836
Distillate Fuel Oil ⁶	--	--	1,267,380	43,048	11,568	-6,135	--	293,589	1,034,542	128,607
15 ppm sulfur and under ⁷	--	--	1,142,399	24,130	11,568	2,765	--	218,214	957,118	105,463
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	41,953	2,559	--	-1,411	--	40,526	5,397	4,598
Greater than 500 ppm sulfur	--	--	83,028	16,359	--	-7,489	--	34,849	72,027	18,546
Residual Fuel Oil ⁶	--	--	129,356	64,506	--	1,760	--	100,925	91,177	35,705
Less than 0.31 percent sulfur	--	--	12,590	7,956	--	-571	--	NA	NA	3,096
0.31 to 1.00 percent sulfur	--	--	17,496	15,376	--	1,165	--	NA	NA	7,132
Greater than 1.00 percent sulfur	--	--	99,270	41,174	--	1,166	--	NA	NA	25,477
Petrochemical Feedstocks	--	--	93,170	11,015	--	82	--	--	104,103	3,865
Naphtha for Petro. Feed. Use	--	--	65,468	8,806	--	39	--	--	74,235	2,227
Other Oils for Petro. Feed. Use	--	--	27,702	2,209	--	43	--	--	29,868	1,638
Special Naphthas	--	--	10,887	2,837	--	75	--	12,487	1,162	1,303
Lubricants	--	--	44,610	8,435	--	-416	--	19,544	33,917	9,146
Waxes	--	--	2,385	1,474	--	244	--	1,502	2,113	771
Petroleum Coke	--	--	236,598	2,646	--	158	--	142,543	96,543	8,269
Marketable	--	--	173,485	2,646	--	158	--	142,543	33,430	8,269
Catalyst	--	--	63,113	--	--	--	--	--	63,113	--
Asphalt and Road Oil	--	--	90,413	7,296	--	-1,750	--	6,613	92,846	20,339
Still Gas	--	--	191,873	--	--	--	--	--	191,873	--
Miscellaneous Products	--	--	21,899	63	--	12	--	291	21,659	567
Total	2,690,884	266,799	5,177,319	2,703,650	118,726	24,871	4,879,263	930,913	5,122,331	1,831,621

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	7,794	--	--	7,911	278	256	15,628	99	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,707	-18	634	134	--	101	560	465	2,331
Pentanes Plus	372	-18	--	26	--	-23	189	100	114
Liquefied Petroleum Gases	2,334	--	634	108	--	124	371	365	2,217
Ethane/Ethylene	1,001	--	13	0	--	-14	--	--	1,027
Propane/Propylene	852	--	575	87	--	86	--	335	1,093
Normal Butane/Butylene	230	--	58	11	--	33	157	30	78
Isobutane/Isobutylene	253	--	-12	10	--	19	214	--	18
Other Liquids	--	1,015	--	1,337	296	304	1,926	219	199
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,015	--	75	121	-36	1,129	118	0
Hydrogen	--	--	--	--	208	--	208	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	--	-1	-4	2	63	0
Renewable Fuels (including Fuel Ethanol)	--	953	--	67	-79	-33	918	56	0
Fuel Ethanol ⁵	--	852	--	23	-16	-31	847	43	0
Renewable Fuels Except Fuel Ethanol	--	101	--	43	-62	-1	70	13	0
Other Hydrocarbons	--	--	--	9	-7	0	2	--	0
Unfinished Oils	--	--	--	763	--	2	562	--	199
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	499	175	338	234	101	0
Reformulated	--	--	--	188	134	13	282	27	0
Conventional	--	0	--	311	41	326	-47	74	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	2	18,636	597	-92	-291	--	2,848	16,586
Finished Motor Gasoline	--	2	9,120	40	-159	-278	--	363	8,918
Reformulated	--	--	3,016	--	-117	0	--	--	2,898
Conventional	--	2	6,104	40	-42	-278	--	363	6,020
Finished Aviation Gasoline	--	--	15	0	--	5	--	--	11
Kerosene-Type Jet Fuel	--	--	1,544	68	--	53	--	141	1,419
Kerosene	--	--	3	10	--	10	--	0	4
Distillate Fuel Oil ⁶	--	--	4,889	132	66	-1	--	1,376	3,713
15 ppm sulfur and under ⁷	--	--	4,432	84	66	-54	--	1,148	3,489
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	143	1	--	10	--	127	6
Greater than 500 ppm sulfur	--	--	315	47	--	43	--	101	217
Residual Fuel Oil ⁸	--	--	428	229	--	16	--	293	349
Less than 0.31 percent sulfur	--	--	49	8	--	5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	64	67	--	28	--	NA	NA
Greater than 1.00 percent sulfur	--	--	315	154	--	-17	--	NA	NA
Petrochemical Feedstocks	--	--	346	33	--	6	--	--	372
Naphtha for Petro. Feed. Use	--	--	240	30	--	3	--	--	267
Other Oils for Petro. Feed. Use	--	--	106	3	--	3	--	--	106
Special Naphthas	--	--	33	14	--	-6	--	51	3
Lubricants	--	--	182	19	--	2	--	74	125
Waxes	--	--	8	4	--	0	--	6	6
Petroleum Coke	--	--	881	5	--	-18	--	511	393
Marketable	--	--	645	5	--	-18	--	511	157
Catalyst	--	--	236	--	--	--	--	--	236
Asphalt and Road Oil	--	--	377	41	--	-80	--	32	466
Still Gas	--	--	725	--	--	--	--	--	725
Miscellaneous Products	--	--	85	0	--	2	--	1	82
Total	10,500	998	19,270	9,979	482	370	18,113	3,631	19,116

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	7,340	--	--	7,778	239	25	15,229	104	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,516	-18	716	175	--	133	465	434	2,358
Pentanes Plus	340	-18	--	38	--	20	168	134	38
Liquefied Petroleum Gases	2,176	--	716	138	--	113	298	299	2,320
Ethane/Ethylene	931	--	14	0	--	-3	--	--	949
Propane/Propylene	794	--	563	116	--	-1	--	267	1,208
Normal Butane/Butylene	206	--	141	11	--	111	108	33	107
Isobutane/Isobutylene	245	--	-3	10	--	6	190	--	56
Other Liquids	--	994	--	1,317	178	8	2,178	228	74
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	994	--	54	148	-13	1,099	109	0
Hydrogen	--	--	--	--	197	--	197	--	0
Oxygenates (excluding Fuel Ethanol)	--	63	--	1	-1	0	2	61	0
Renewable Fuels (including Fuel Ethanol)	--	931	--	49	-46	-13	899	49	0
Fuel Ethanol ⁵	--	849	--	26	-6	-17	849	37	0
Renewable Fuels Except Fuel Ethanol	--	82	--	23	-40	4	50	12	0
Other Hydrocarbons	--	--	--	4	-3	0	1	--	0
Unfinished Oils	--	--	--	665	--	4	587	--	74
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	597	30	17	492	118	0
Reformulated	--	--	--	189	170	-12	342	30	0
Conventional	--	0	--	408	-140	29	150	89	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	18,248	633	18	-75	--	2,645	16,331
Finished Motor Gasoline	--	1	9,076	45	-25	-60	--	375	8,783
Reformulated	--	--	3,033	--	-148	0	--	--	2,886
Conventional	--	1	6,042	45	123	-60	--	375	5,897
Finished Aviation Gasoline	--	--	13	0	--	0	--	--	13
Kerosene-Type Jet Fuel	--	--	1,501	69	--	6	--	151	1,413
Kerosene	--	--	9	1	--	0	--	4	5
Distillate Fuel Oil ⁶	--	--	4,642	158	42	-22	--	1,075	3,790
15 ppm sulfur and under ⁷	--	--	4,185	88	42	10	--	799	3,506
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	154	9	--	-5	--	148	20
Greater than 500 ppm sulfur	--	--	304	60	--	-27	--	128	264
Residual Fuel Oil ⁸	--	--	474	236	--	6	--	370	334
Less than 0.31 percent sulfur	--	--	46	29	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	64	56	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	364	151	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	341	40	--	0	--	--	381
Naphtha for Petro. Feed. Use	--	--	240	32	--	0	--	--	272
Other Oils for Petro. Feed. Use	--	--	101	8	--	0	--	--	109
Special Naphthas	--	--	40	10	--	0	--	46	4
Lubricants	--	--	163	31	--	-2	--	72	124
Waxes	--	--	9	5	--	1	--	6	8
Petroleum Coke	--	--	867	10	--	1	--	522	354
Marketable	--	--	635	10	--	1	--	522	122
Catalyst	--	--	231	--	--	--	--	--	231
Asphalt and Road Oil	--	--	331	27	--	-6	--	24	340
Still Gas	--	--	703	--	--	--	--	--	703
Miscellaneous Products	--	--	80	0	--	0	--	1	79
Total	9,857	977	18,965	9,903	435	91	17,873	3,410	18,763

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	1,020	--	--	26,908	20	3,378	-1,285	32,517	94	0	10,326
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,687	-11	747	945	2,568	--	471	798	453	5,214	6,541
Pentanes Plus	443	-11	--	--	--	--	2	--	300	130	82
Liquefied Petroleum Gases	2,244	--	747	945	2,568	--	469	798	153	5,084	6,459
Ethane/Ethylene	27	--	9	--	--	--	6	--	--	30	15
Propane/Propylene	1,517	--	1,078	813	2,483	--	724	--	126	5,041	4,442
Normal Butane/Butylene	474	--	-333	80	85	--	-246	523	27	2	1,673
Isobutane/Isobutylene	226	--	-7	52	--	--	-15	275	--	11	329
Other Liquids	--	672	--	16,653	48,432	5,798	-936	72,642	156	-307	61,003
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	673	--	759	8,185	-555	-1,039	9,949	152	0	6,126
Hydrogen	--	--	--	--	--	134	--	134	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	673	--	758	8,185	-689	-1,039	9,815	151	0	6,126
Fuel Ethanol ⁶	--	527	--	393	7,791	-182	-994	9,373	150	0	5,300
Renewable Fuels Except Fuel Ethanol	--	146	--	365	394	-507	-45	442	1	0	826
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0	--
Unfinished Oils	--	--	--	1,960	--	--	-646	2,913	--	-307	3,594
Motor Gasoline Blend. Comp. (MGBC)	--	-1	--	13,934	40,247	6,353	749	59,780	4	0	51,283
Reformulated	--	--	--	5,639	7,428	2,546	-68	15,680	1	0	17,295
Conventional	--	-1	--	8,295	32,819	3,807	817	44,100	3	0	33,988
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	106,793	8,336	47,717	-5,663	-2,355	--	6,514	153,024	76,032
Finished Motor Gasoline	--	--	86,074	1,109	10,608	-6,171	-1,182	--	26	92,776	6,829
Reformulated	--	--	36,268	--	--	-2,052	12	--	--	34,204	27
Conventional	--	--	49,806	1,109	10,608	-4,119	-1,194	--	26	58,572	6,802
Finished Aviation Gasoline	--	--	--	1	32	--	-29	--	--	62	181
Kerosene-Type Jet Fuel	--	--	2,416	1,002	13,733	--	1,367	--	4	15,780	12,521
Kerosene	--	--	82	313	--	--	423	--	3	-31	1,416
Distillate Fuel Oil ⁷	--	--	11,337	2,883	22,581	508	-1,660	--	4,396	34,573	41,130
15 ppm sulfur and under ⁸	--	--	8,302	2,159	20,031	508	-2,326	--	3,790	29,536	29,290
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	189	26	95	--	-84	--	606	-212	717
Greater than 500 ppm sulfur	--	--	2,846	698	2,455	--	750	--	0	5,249	11,123
Residual Fuel Oil ⁹	--	--	2,091	2,135	7	--	-623	--	1,270	3,586	8,415
Less than 0.31 percent sulfur	--	--	638	--	--	--	-139	--	NA	NA	1,153
0.31 to 1.00 percent sulfur	--	--	347	328	--	--	232	--	NA	NA	3,135
Greater than 1.00 percent sulfur	--	--	1,106	1,807	7	--	-716	--	NA	NA	4,127
Petrochemical Feedstocks	--	--	160	5	26	--	-6	--	--	197	130
Naphtha for Petro. Feed. Use	--	--	160	1	26	--	-6	--	--	193	130
Other Oils for Petro. Feed. Use	--	--	--	4	--	--	--	--	--	4	--
Special Naphthas	--	--	23	--	--	--	-6	--	1	28	24
Lubricants	--	--	454	57	554	--	-3	--	184	884	938
Waxes	--	--	10	41	--	--	-9	--	66	-6	224
Petroleum Coke	--	--	947	2	--	--	--	--	344	605	--
Marketable	--	--	314	2	--	--	--	--	344	-28	--
Catalyst	--	--	633	--	--	--	--	--	--	633	--
Asphalt and Road Oil	--	--	1,930	788	176	--	-629	--	206	3,317	4,198
Still Gas	--	--	1,179	--	--	--	--	--	--	1,179	--
Miscellaneous Products	--	--	90	--	--	--	2	--	16	72	26
Total	3,707	661	107,540	52,842	98,737	3,513	-4,105	105,957	7,218	157,931	153,902

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	8,672	--	--	230,125	-359	62,824	2,069	289,586	9,606	0	10,326
Natural Gas Plant Liquids and Liquefied Refinery Gases	19,329	-83	12,151	10,808	21,118	--	168	4,287	2,821	56,047	6,541
Pentanes Plus	3,154	-83	--	186	-2	--	49	21	667	2,518	82
Liquefied Petroleum Gases	16,175	--	12,151	10,622	21,120	--	119	4,266	2,154	53,529	6,459
Ethane/Ethylene	212	--	69	--	--	--	15	--	--	266	15
Propane/Propylene	10,884	--	9,978	9,665	21,034	--	-742	--	1,127	51,176	4,442
Normal Butane/Butylene	3,191	--	2,483	225	85	--	830	1,945	1,027	2,182	1,673
Isobutane/Isobutylene	1,888	--	-379	732	1	--	16	2,321	--	-95	329
Other Liquids	--	6,993	--	179,742	429,875	70,398	1,289	684,609	729	381	61,003
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	7,016	--	7,202	78,108	-2,665	-1,683	90,691	652	0	6,126
Hydrogen	--	--	--	--	--	1,215	--	1,215	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	17	--	--	17	0	--
Renewable Fuels (including Fuel Ethanol)	--	7,016	--	7,093	78,108	-3,788	-1,683	89,476	636	0	6,126
Fuel Ethanol ⁶	--	5,829	--	4,845	74,848	-602	-1,895	86,196	619	0	5,300
Renewable Fuels Except Fuel Ethanol	--	1,187	--	2,248	3,261	-3,186	212	3,280	17	0	826
Other Hydrocarbons	--	--	--	109	--	-109	--	--	--	0	--
Unfinished Oils	--	--	--	23,959	-20	--	-2,295	25,853	--	381	3,594
Motor Gasoline Blend. Comp. (MGBC)	--	-23	--	148,581	351,787	73,063	5,267	568,065	76	0	51,283
Reformulated	--	--	--	50,910	74,874	24,169	962	148,974	17	0	17,295
Conventional	--	-23	--	97,671	276,913	48,895	4,305	419,091	60	0	33,988
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	981,414	83,467	420,844	-69,376	-1,873	--	54,690	1,363,532	76,032
Finished Motor Gasoline	--	--	800,261	9,237	83,394	-72,461	-1,260	--	1,411	820,279	6,829
Reformulated	--	--	333,566	--	--	-15,552	-1	--	--	318,015	27
Conventional	--	--	466,695	9,237	83,394	-56,910	-1,259	--	1,411	502,264	6,802
Finished Aviation Gasoline	--	--	--	10	1,315	--	37	--	--	1,288	181
Kerosene-Type Jet Fuel	--	--	20,532	7,982	124,132	--	4,015	--	651	147,980	12,521
Kerosene	--	--	676	314	--	--	255	--	65	670	1,416
Distillate Fuel Oil ⁷	--	--	101,401	33,226	204,444	3,085	-3,944	--	32,356	313,744	41,130
15 ppm sulfur and under ⁸	--	--	68,966	20,579	176,017	3,085	3,241	--	17,908	247,498	29,290
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	1,939	2,116	392	--	-588	--	6,992	-1,957	717
Greater than 500 ppm sulfur	--	--	30,496	10,531	28,035	--	-6,597	--	7,457	68,202	11,123
Residual Fuel Oil ⁹	--	--	18,538	26,252	128	--	-1,111	--	9,887	36,142	8,415
Less than 0.31 percent sulfur	--	--	4,748	1,896	--	--	-371	--	NA	NA	1,153
0.31 to 1.00 percent sulfur	--	--	1,954	4,042	--	--	641	--	NA	NA	3,135
Greater than 1.00 percent sulfur	--	--	11,836	20,314	128	--	-1,381	--	NA	NA	4,127
Petrochemical Feedstocks	--	--	1,051	56	375	--	-49	--	--	1,531	130
Naphtha for Petro. Feed. Use	--	--	1,051	20	375	--	-49	--	--	1,495	130
Other Oils for Petro. Feed. Use	--	--	--	36	--	--	--	--	--	36	--
Special Naphthas	--	--	197	166	--	--	-2	--	382	-17	24
Lubricants	--	--	3,865	1,031	4,615	--	-202	--	1,702	8,011	938
Waxes	--	--	3	813	--	--	-4	--	681	139	224
Petroleum Coke	--	--	9,090	559	--	--	--	--	5,825	3,824	--
Marketable	--	--	3,117	559	--	--	--	--	5,825	-2,149	--
Catalyst	--	--	5,973	--	--	--	--	--	--	5,973	--
Asphalt and Road Oil	--	--	14,455	3,821	2,441	--	404	--	1,596	18,717	4,198
Still Gas	--	--	10,579	--	--	--	--	--	--	10,579	--
Miscellaneous Products	--	--	766	--	--	--	-12	--	134	644	26
Total	28,001	6,910	993,565	504,142	871,478	63,846	1,653	978,482	67,845	1,419,960	153,902

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	34	--	--	897	1	113	-43	1,084	3	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	90	0	25	32	86	--	16	27	15	174
Pentanes Plus	15	0	--	--	--	--	0	--	10	4
Liquefied Petroleum Gases	75	--	25	32	86	--	16	27	5	169
Ethane/Ethylene	1	--	0	--	--	--	0	--	--	1
Propane/Propylene	51	--	36	27	83	--	24	--	4	168
Normal Butane/Butylene	16	--	-11	3	3	--	-8	17	1	0
Isobutane/Isobutylene	8	--	0	2	--	--	-1	9	--	0
Other Liquids	--	22	--	555	1,614	193	-31	2,421	5	-10
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	22	--	25	273	-19	-35	332	5	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	22	--	25	273	-23	-35	327	5	0
Fuel Ethanol ⁶	--	18	--	13	260	-6	-33	312	5	0
Renewable Fuels Except Fuel Ethanol	--	5	--	12	13	-17	-2	15	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	65	--	--	-22	97	--	-10
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	464	1,342	212	25	1,993	0	0
Reformulated	--	--	--	188	248	85	-2	523	0	0
Conventional	--	0	--	277	1,094	127	27	1,470	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,560	278	1,591	-189	-79	--	217	5,101
Finished Motor Gasoline	--	--	2,869	37	354	-206	-39	--	1	3,093
Reformulated	--	--	1,209	--	--	-68	0	--	--	1,140
Conventional	--	--	1,660	37	354	-137	-40	--	1	1,952
Finished Aviation Gasoline	--	--	--	0	1	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	81	33	458	--	46	--	0	526
Kerosene	--	--	3	10	--	--	14	--	0	-1
Distillate Fuel Oil ⁷	--	--	378	96	753	17	-55	--	147	1,152
15 ppm sulfur and under ⁸	--	--	277	72	668	17	-78	--	126	985
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	6	1	3	--	-3	--	20	-7
Greater than 500 ppm sulfur	--	--	95	23	82	--	25	--	0	175
Residual Fuel Oil ⁹	--	--	70	71	0	--	-21	--	42	120
Less than 0.31 percent sulfur	--	--	21	--	--	--	-5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	12	11	--	--	8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	37	60	0	--	-24	--	NA	NA
Petrochemical Feedstocks	--	--	5	0	1	--	0	--	--	7
Naphtha for Petro. Feed. Use	--	--	5	0	1	--	0	--	--	6
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	1	--	--	--	0	--	0	1
Lubricants	--	--	15	2	18	--	0	--	6	29
Waxes	--	--	0	1	--	--	0	--	2	0
Petroleum Coke	--	--	32	0	--	--	--	--	11	20
Marketable	--	--	10	0	--	--	--	--	11	-1
Catalyst	--	--	21	--	--	--	--	--	--	21
Asphalt and Road Oil	--	--	64	26	6	--	-21	--	7	111
Still Gas	--	--	39	--	--	--	--	--	--	39
Miscellaneous Products	--	--	3	--	--	--	0	--	1	2
Total	124	22	3,585	1,761	3,291	117	-137	3,532	241	5,264

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	32	--	--	843	-1	230	8	1,061	35	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	71	0	45	40	77	--	1	16	10	205
Pentanes Plus	12	0	--	1	0	--	0	0	2	9
Liquefied Petroleum Gases	59	--	45	39	77	--	0	16	8	196
Ethane/Ethylene	1	--	0	--	--	--	0	--	--	1
Propane/Propylene	40	--	37	35	77	--	-3	--	4	187
Normal Butane/Butylene	12	--	9	1	0	--	3	7	4	8
Isobutane/Isobutylene	7	--	-1	3	0	--	0	9	--	0
Other Liquids	--	26	--	658	1,575	258	5	2,508	3	1
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	26	--	26	286	-10	-6	332	2	0
Hydrogen	--	--	--	--	--	4	--	4	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	26	--	26	286	-14	-6	328	2	0
Fuel Ethanol ⁶	--	21	--	18	274	-2	-7	316	2	0
Renewable Fuels Except Fuel Ethanol	--	4	--	8	12	-12	1	12	0	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	88	0	--	-8	95	--	1
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	544	1,289	268	19	2,081	0	0
Reformulated	--	--	--	186	274	89	4	546	0	0
Conventional	--	0	--	358	1,014	179	16	1,535	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,595	306	1,542	-254	-7	--	200	4,995
Finished Motor Gasoline	--	--	2,931	34	305	-265	-5	--	5	3,005
Reformulated	--	--	1,222	--	--	-57	0	--	--	1,165
Conventional	--	--	1,710	34	305	-208	-5	--	5	1,840
Finished Aviation Gasoline	--	--	--	0	5	--	0	--	--	5
Kerosene-Type Jet Fuel	--	--	75	29	455	--	15	--	2	542
Kerosene	--	--	2	1	--	--	1	--	0	2
Distillate Fuel Oil ⁷	--	--	371	122	749	11	-14	--	119	1,149
15 ppm sulfur and under ⁸	--	--	253	75	645	11	12	--	66	907
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	7	8	1	--	-2	--	26	-7
Greater than 500 ppm sulfur	--	--	112	39	103	--	-24	--	27	250
Residual Fuel Oil ⁹	--	--	68	96	0	--	-4	--	36	132
Less than 0.31 percent sulfur	--	--	17	7	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	7	15	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	43	74	0	--	-5	--	NA	NA
Petrochemical Feedstocks	--	--	4	0	1	--	0	--	--	6
Naphtha for Petro. Feed. Use	--	--	4	0	1	--	0	--	--	5
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	1	1	--	--	0	--	1	0
Lubricants	--	--	14	4	17	--	-1	--	6	29
Waxes	--	--	0	3	--	--	0	--	2	1
Petroleum Coke	--	--	33	2	--	--	--	--	21	14
Marketable	--	--	11	2	--	--	--	--	21	-8
Catalyst	--	--	22	--	--	--	--	--	--	22
Asphalt and Road Oil	--	--	53	14	9	--	1	--	6	69
Still Gas	--	--	39	--	--	--	--	--	--	39
Miscellaneous Products	--	--	3	--	--	--	0	--	0	2
Total	103	25	3,639	1,847	3,192	234	6	3,584	249	5,201

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net inputs, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	44,167	--	--	55,181	16,673	-10,758	505	102,476	2,282	0	102,610
Natural Gas Plant Liquids and Liquefied Refinery Gases	15,230	-515	3,462	1,887	-432	--	2,252	3,146	2,129	12,105	58,830
Pentanes Plus	1,896	-515	--	6	2,928	--	-549	1,119	1,599	2,146	7,743
Liquefied Petroleum Gases	13,334	--	3,462	1,881	-3,360	--	2,801	2,027	530	9,959	51,087
Ethane/Ethylene	4,901	--	--	9	-3,013	--	339	--	--	1,558	4,694
Propane/Propylene	5,587	--	3,111	1,470	-650	--	1,991	--	199	7,328	24,444
Normal Butane/Butylene	1,561	--	475	162	156	--	651	514	331	858	20,078
Isobutane/Isobutylene	1,285	--	-124	240	147	--	-180	1,513	--	215	1,871
Other Liquids	--	25,728	--	371	-4,295	3,815	10,387	14,226	1,190	-185	55,381
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25,729	--	151	-16,407	-254	323	8,127	768	0	6,097
Hydrogen	--	--	--	--	--	685	--	685	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	25,729	--	97	-16,407	-929	328	7,393	767	0	6,076
Fuel Ethanol ⁶	--	23,810	--	--	-15,869	-134	293	6,886	629	0	5,556
Renewable Fuels Except Fuel Ethanol	--	1,919	--	97	-539	-796	35	507	139	0	520
Other Hydrocarbons	--	--	--	54	--	-10	-5	49	--	0	21
Unfinished Oils	--	--	--	61	-887	--	960	-1,601	--	-185	12,851
Motor Gasoline Blend. Comp. (MGBC)	--	-1	--	159	12,999	4,069	9,104	7,700	422	0	36,433
Reformulated	--	--	--	--	3,264	-1,421	651	1,192	--	0	6,793
Conventional	--	-1	--	159	9,735	5,490	8,453	6,508	422	0	29,640
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	55	122,669	1,010	8,222	-3,214	-7,534	--	1,610	134,666	63,750
Finished Motor Gasoline	--	55	69,361	9	2,338	-3,936	-6,337	--	4	74,160	13,318
Reformulated	--	--	10,563	--	--	1,462	--	--	--	12,025	--
Conventional	--	55	58,798	9	2,338	-5,398	-6,337	--	4	62,135	13,318
Finished Aviation Gasoline	--	--	135	--	--	--	44	--	--	91	186
Kerosene-Type Jet Fuel	--	--	6,375	--	586	--	-246	--	88	7,119	6,239
Kerosene	--	--	20	--	--	--	-15	--	--	35	171
Distillate Fuel Oil	--	--	30,029	115	6,179	722	242	--	50	36,752	30,542
15 ppm sulfur and under ⁷	--	--	29,970	113	6,043	722	292	--	0	36,555	29,417
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	51	--	136	--	-70	--	4	253	575
Greater than 500 ppm sulfur	--	--	8	2	--	--	20	--	46	-56	550
Residual Fuel Oil ⁸	--	--	1,345	247	-996	--	88	--	291	217	1,443
Less than 0.31 percent sulfur	--	--	--	3	--	--	32	--	NA	NA	217
0.31 to 1.00 percent sulfur	--	--	141	117	--	--	31	--	NA	NA	186
Greater than 1.00 percent sulfur	--	--	1,204	127	-996	--	25	--	NA	NA	1,040
Petrochemical Feedstocks	--	--	1,035	105	-120	--	20	--	--	1,000	668
Naphtha for Petro. Feed. Use	--	--	657	64	-120	--	-8	--	--	609	545
Other Oils for Petro. Feed. Use	--	--	378	41	--	--	28	--	--	391	123
Special Naphthas	--	--	-20	44	57	--	27	--	0	54	189
Lubricants	--	--	237	158	348	--	16	--	190	537	647
Waxes	--	--	36	10	--	--	7	--	41	-2	43
Petroleum Coke	--	--	4,652	29	--	--	-594	--	746	4,529	1,353
Marketable	--	--	3,188	29	--	--	-594	--	746	3,065	1,353
Catalyst	--	--	1,464	--	--	--	--	--	--	1,464	--
Asphalt and Road Oil	--	--	5,325	287	-150	--	-788	--	199	6,051	8,859
Still Gas	--	--	3,788	--	--	--	--	--	--	3,788	--
Miscellaneous Products	--	--	351	6	-20	--	2	--	1	334	92
Total	59,397	25,268	126,131	58,449	20,168	-10,157	5,610	119,848	7,211	146,586	280,571

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	366,285	--	--	501,418	159,175	-109,633	-12,929	918,349	11,825	0	102,610
Natural Gas Plant Liquids and Liquefied Refinery Gases	122,918	-4,579	37,556	21,926	4,444	--	15,132	24,244	34,819	108,070	58,830
Pentanes Plus	14,839	-4,579	--	102	28,036	--	1,057	7,629	30,411	-699	7,743
Liquefied Petroleum Gases	108,079	--	37,556	21,824	-23,592	--	14,075	16,615	4,408	108,769	51,087
Ethane/Ethylene	37,458	--	--	92	-20,456	--	1,104	--	--	15,990	4,694
Propane/Propylene	47,102	--	28,835	18,028	-5,615	--	2,424	--	1,252	84,674	24,444
Normal Butane/Butylene	14,098	--	9,002	1,853	181	--	11,029	4,550	3,156	6,399	20,078
Isobutane/Isobutylene	9,421	--	-281	1,851	2,298	--	-482	12,065	--	1,706	1,871
Other Liquids	--	230,340	--	2,178	-57,898	-33,479	5,176	132,398	7,687	-4,120	55,381
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	230,349	--	734	-154,944	1,585	-1,992	72,862	6,854	0	6,097
Hydrogen	--	--	--	--	--	6,291	--	6,291	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	3	--	--	3	0	--
Renewable Fuels (including Fuel Ethanol)	--	230,349	--	169	-154,944	-4,516	-1,971	66,178	6,851	0	6,076
Fuel Ethanol ⁶	--	215,078	--	--	-148,504	-432	-1,811	62,607	5,346	0	5,556
Renewable Fuels Except Fuel Ethanol	--	15,271	--	169	-6,440	-4,084	-160	3,571	1,505	0	520
Other Hydrocarbons	--	--	--	565	--	-193	-21	393	--	0	21
Unfinished Oils	--	--	--	116	-5,176	--	306	-1,246	--	-4,120	12,851
Motor Gasoline Blend. Comp. (MGBC)	--	-9	--	1,328	102,222	-35,064	6,862	60,782	833	0	36,433
Reformulated	--	--	--	--	18,677	-5,511	701	12,464	1	0	6,793
Conventional	--	-9	--	1,328	83,545	-29,553	6,161	48,318	832	0	29,640
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	390	1,093,228	9,449	67,598	39,498	-14,225	--	13,648	1,210,741	63,750
Finished Motor Gasoline	--	390	612,114	428	21,241	35,496	-10,998	--	1,051	679,616	13,318
Reformulated	--	--	97,204	--	--	5,572	--	--	--	102,776	--
Conventional	--	390	514,910	428	21,241	29,924	-10,998	--	1,051	576,840	13,318
Finished Aviation Gasoline	--	--	657	6	108	--	-16	--	--	787	186
Kerosene-Type Jet Fuel	--	--	59,939	--	6,232	--	-758	--	1,796	65,133	6,239
Kerosene	--	--	733	2	--	--	-51	--	1	785	171
Distillate Fuel Oil	--	--	268,135	1,435	48,743	4,002	-872	--	729	322,458	30,542
15 ppm sulfur and under ⁷	--	--	268,440	1,252	47,398	4,002	-95	--	45	321,142	29,417
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	1,204	25	1,268	--	-563	--	259	2,801	575
Greater than 500 ppm sulfur	--	--	-1,509	158	77	--	-214	--	426	-1,486	550
Residual Fuel Oil ⁸	--	--	12,513	2,438	-8,231	--	66	--	2,175	4,479	1,443
Less than 0.31 percent sulfur	--	--	1	20	--	--	77	--	NA	NA	217
0.31 to 1.00 percent sulfur	--	--	1,396	1,472	--	--	-4	--	NA	NA	186
Greater than 1.00 percent sulfur	--	--	11,116	946	-8,231	--	-7	--	NA	NA	1,040
Petrochemical Feedstocks	--	--	10,372	966	-791	--	15	--	--	10,532	668
Naphtha for Petro. Feed. Use	--	--	7,573	569	-791	--	10	--	--	7,341	545
Other Oils for Petro. Feed. Use	--	--	2,799	397	--	--	5	--	--	3,191	123
Special Naphthas	--	--	92	381	373	--	50	--	85	711	189
Lubricants	--	--	2,065	1,346	2,296	--	100	--	1,609	3,998	647
Waxes	--	--	287	69	--	--	25	--	329	2	43
Petroleum Coke	--	--	45,250	273	--	--	-430	--	4,983	40,970	1,353
Marketable	--	--	32,159	273	--	--	-430	--	4,983	27,879	1,353
Catalyst	--	--	13,091	--	--	--	--	--	--	13,091	--
Asphalt and Road Oil	--	--	41,007	2,085	-2,282	--	-1,356	--	882	41,284	8,859
Still Gas	--	--	36,654	--	--	--	--	--	--	36,654	--
Miscellaneous Products	--	--	3,410	20	-91	--	0	--	7	3,332	92
Total	489,203	226,151	1,130,784	534,971	173,319	-103,614	-6,846	1,074,991	67,979	1,314,691	280,571

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,472	--	--	1,839	556	-359	17	3,416	76	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	508	-17	115	63	-14	--	75	105	71	404
Pentanes Plus	63	-17	--	0	98	--	-18	37	53	72
Liquefied Petroleum Gases	444	--	115	63	-112	--	93	68	18	332
Ethane/Ethylene	163	--	--	0	-100	--	11	--	--	52
Propane/Propylene	186	--	104	49	-22	--	66	--	7	244
Normal Butane/Butylene	52	--	16	5	5	--	22	17	11	29
Isobutane/Isobutylene	43	--	-4	8	5	--	-6	50	--	7
Other Liquids	--	858	--	12	-143	127	346	474	40	-6
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	858	--	5	-547	-8	11	271	26	0
Hydrogen	--	--	--	--	--	23	--	23	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	858	--	3	-547	-31	11	246	26	0
Fuel Ethanol ⁶	--	794	--	--	-529	-4	10	230	21	0
Renewable Fuels Except Fuel Ethanol	--	64	--	3	-18	-27	1	17	5	0
Other Hydrocarbons	--	--	--	2	--	0	0	2	--	0
Unfinished Oils	--	--	--	2	-30	--	32	-53	--	-6
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	5	433	136	303	257	14	0
Reformulated	--	--	--	--	109	-47	22	40	--	0
Conventional	--	0	--	5	325	183	282	217	14	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	2	4,089	34	274	-107	-251	--	54	4,489
Finished Motor Gasoline	--	2	2,312	0	78	-131	-211	--	0	2,472
Reformulated	--	--	352	--	--	49	--	--	--	401
Conventional	--	2	1,960	0	78	-180	-211	--	0	2,071
Finished Aviation Gasoline	--	--	5	--	--	--	1	--	--	3
Kerosene-Type Jet Fuel	--	--	213	--	20	--	-8	--	3	237
Kerosene	--	--	1	--	--	--	-1	--	--	1
Distillate Fuel Oil	--	--	1,001	4	206	24	8	--	2	1,225
15 ppm sulfur and under ⁷	--	--	999	4	201	24	10	--	0	1,219
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	2	--	5	--	-2	--	0	8
Greater than 500 ppm sulfur	--	--	0	0	--	--	1	--	2	-2
Residual Fuel Oil ⁸	--	--	45	8	-33	--	3	--	10	7
Less than 0.31 percent sulfur	--	--	--	0	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	4	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	40	4	-33	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	35	4	-4	--	1	--	--	33
Naphtha for Petro. Feed. Use	--	--	22	2	-4	--	0	--	--	20
Other Oils for Petro. Feed. Use	--	--	13	1	--	--	1	--	--	13
Special Naphthas	--	--	-1	1	2	--	1	--	0	2
Lubricants	--	--	8	5	12	--	1	--	6	18
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	155	1	--	--	-20	--	25	151
Marketable	--	--	106	1	--	--	-20	--	25	102
Catalyst	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	178	10	-5	--	-26	--	7	202
Still Gas	--	--	126	--	--	--	--	--	--	126
Miscellaneous Products	--	--	12	0	-1	--	0	--	0	11
Total	1,980	842	4,204	1,948	672	-339	187	3,995	240	4,886

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,342	--	--	1,837	583	-402	-47	3,364	43	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	450	-17	138	80	16	--	55	89	128	396
Pentanes Plus	54	-17	--	0	103	--	4	28	111	-3
Liquefied Petroleum Gases	396	--	138	80	-86	--	52	61	16	398
Ethane/Ethylene	137	--	--	0	-75	--	4	--	--	59
Propane/Propylene	173	--	106	66	-21	--	9	--	5	310
Normal Butane/Butylene	52	--	33	7	1	--	40	17	12	23
Isobutane/Isobutylene	35	--	-1	7	8	--	-2	44	--	6
Other Liquids	--	844	--	8	-212	-123	19	485	28	-15
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	844	--	3	-568	6	-7	267	25	0
Hydrogen	--	--	--	--	--	23	--	23	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	844	--	1	-568	-17	-7	242	25	0
Fuel Ethanol ⁶	--	788	--	--	-544	-2	-7	229	20	0
Renewable Fuels Except Fuel Ethanol	--	56	--	1	-24	-15	-1	13	6	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	0	-19	--	1	-5	--	-15
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	5	374	-128	25	223	3	0
Reformulated	--	--	--	--	68	-20	3	46	0	0
Conventional	--	0	--	5	306	-108	23	177	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	1	4,004	35	248	145	-52	--	50	4,435
Finished Motor Gasoline	--	1	2,242	2	78	130	-40	--	4	2,489
Reformulated	--	--	356	--	--	20	--	--	--	376
Conventional	--	1	1,886	2	78	110	-40	--	4	2,113
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	220	--	23	--	-3	--	7	239
Kerosene	--	--	3	0	--	--	0	--	0	3
Distillate Fuel Oil	--	--	982	5	179	15	-3	--	3	1,181
15 ppm sulfur and under ⁷	--	--	983	5	174	15	0	--	0	1,176
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	4	0	5	--	-2	--	1	10
Greater than 500 ppm sulfur	--	--	-6	1	0	--	-1	--	2	-5
Residual Fuel Oil ⁸	--	--	46	9	-30	--	0	--	8	16
Less than 0.31 percent sulfur	--	--	0	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	5	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	41	3	-30	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	38	4	-3	--	0	--	--	39
Naphtha for Petro. Feed. Use	--	--	28	2	-3	--	0	--	--	27
Other Oils for Petro. Feed. Use	--	--	10	1	--	--	0	--	--	12
Special Naphthas	--	--	0	1	1	--	0	--	0	3
Lubricants	--	--	8	5	8	--	0	--	6	15
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	166	1	--	--	-2	--	18	150
Marketable	--	--	118	1	--	--	-2	--	18	102
Catalyst	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	150	8	-8	--	-5	--	3	151
Still Gas	--	--	134	--	--	--	--	--	--	134
Miscellaneous Products	--	--	12	0	0	--	0	--	0	12
Total	1,792	828	4,142	1,960	635	-380	-25	3,938	249	4,816

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	139,452	--	--	110,719	-11,186	12,706	8,157	242,936	598	0	882,207
Natural Gas Plant Liquids and Liquefied Refinery Gases	51,455	-9	12,466	800	6,268	--	-771	10,642	10,579	50,530	114,138
Pentanes Plus	6,453	-9	--	766	-1,789	--	-313	3,867	652	1,215	9,666
Liquefied Petroleum Gases	45,002	--	12,466	34	8,057	--	-458	6,775	9,927	49,315	104,472
Ethane/Ethylene	21,563	--	370	--	6,429	--	-774	--	--	29,136	29,282
Propane/Propylene	14,911	--	11,293	--	556	--	-501	--	9,412	17,849	36,081
Normal Butane/Butylene	3,429	--	1,062	34	598	--	256	2,973	515	1,379	31,609
Isobutane/Isobutylene	5,099	--	-259	--	474	--	561	3,802	--	951	7,500
Other Liquids	--	3,014	--	19,884	-52,619	-3,248	1,501	-44,553	4,847	5,236	112,877
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	3,014	--	767	3,517	3,191	-321	8,282	2,527	0	4,613
Hydrogen	--	--	--	--	--	3,816	--	3,816	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,857	--	--	--	-21	-112	74	1,874	0	966
Renewable Fuels (including Fuel Ethanol)	--	1,157	--	563	3,517	-400	-209	4,392	653	0	3,647
Fuel Ethanol ⁷	--	431	--	--	3,739	-77	-290	3,951	432	0	2,598
Renewable Fuels Except Fuel Ethanol	--	726	--	563	-222	-324	81	441	221	0	1,049
Other Hydrocarbons	--	--	--	204	--	-204	--	--	--	0	--
Unfinished Oils	--	--	--	18,732	887	--	110	14,267	--	5,242	44,038
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	385	-57,023	-6,439	1,718	-67,114	2,319	0	64,223
Reformulated	--	--	--	--	-12,764	3,376	558	-10,755	809	0	10,753
Conventional	--	--	--	385	-44,259	-9,815	1,160	-56,359	1,510	0	53,470
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-6	12	--	-6	3
Finished Petroleum Products	--	--	217,344	5,366	-57,560	6,864	145	--	67,588	104,282	108,377
Finished Motor Gasoline	--	--	60,911	--	-13,061	6,515	-553	--	9,739	45,179	12,739
Reformulated	--	--	12,091	--	--	-3,157	--	--	--	8,934	--
Conventional	--	--	48,820	--	-13,061	9,672	-553	--	9,739	36,245	12,739
Finished Aviation Gasoline	--	--	261	--	-32	--	83	--	--	146	503
Kerosene-Type Jet Fuel	--	--	23,145	--	-15,378	--	-475	--	3,015	5,227	12,391
Kerosene	--	--	-15	--	--	--	-176	--	1	160	161
Distillate Fuel Oil	--	--	81,387	641	-29,429	349	534	--	33,450	18,963	40,664
15 ppm sulfur and under ⁸	--	--	71,924	--	-26,743	349	-16	--	28,103	17,443	32,579
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	3,661	--	-231	--	549	--	3,197	-316	2,627
Greater than 500 ppm sulfur	--	--	5,802	641	-2,455	--	1	--	2,151	1,836	5,458
Residual Fuel Oil ⁹	--	--	5,519	3,032	989	--	925	--	6,746	1,869	20,332
Less than 0.31 percent sulfur	--	--	689	231	--	--	203	--	NA	NA	1,106
0.31 to 1.00 percent sulfur	--	--	476	1,131	--	--	502	--	NA	NA	2,707
Greater than 1.00 percent sulfur	--	--	4,354	1,670	989	--	220	--	NA	NA	16,519
Petrochemical Feedstocks	--	--	9,171	827	94	--	176	--	--	9,916	3,065
Naphtha for Petro. Feed. Use	--	--	6,371	791	94	--	110	--	--	7,146	1,550
Other Oils for Petro. Feed. Use	--	--	2,800	36	--	--	66	--	--	2,770	1,515
Special Naphthas	--	--	964	389	-57	--	-179	--	1,515	-40	1,064
Lubricants	--	--	4,110	350	-680	--	28	--	1,649	2,103	6,431
Waxes	--	--	196	36	--	--	-8	--	73	167	504
Petroleum Coke	--	--	15,495	91	--	--	115	--	10,944	4,527	5,574
Marketable	--	--	11,778	91	--	--	115	--	10,944	810	5,574
Catalyst	--	--	3,717	--	--	--	--	--	--	3,717	--
Asphalt and Road Oil	--	--	2,530	--	-26	--	-372	--	444	2,432	4,593
Still Gas	--	--	12,076	--	--	--	--	--	--	12,076	--
Miscellaneous Products	--	--	1,594	--	20	--	47	--	12	1,555	356
Total	190,907	3,005	229,810	136,769	-115,097	16,322	9,032	209,025	83,611	160,048	1,217,599

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	1,188,751	--	--	1,015,091	-112,708	94,064	20,399	2,158,191	6,608	0	882,207
Natural Gas Plant Liquids and Liquefied Refinery Gases	440,766	-88	123,986	10,625	46,383	--	16,960	76,972	72,880	454,860	114,138
Pentanes Plus	53,329	-88	--	9,950	-17,756	--	4,028	30,737	993	9,677	9,666
Liquefied Petroleum Gases	387,437	--	123,986	675	64,139	--	12,932	46,235	71,887	445,183	104,472
Ethane/Ethylene	186,943	--	3,830	--	48,012	--	-2,124	--	--	240,909	29,282
Propane/Propylene	127,692	--	100,458	113	5,662	--	-2,427	--	67,825	168,527	36,081
Normal Butane/Butylene	25,655	--	19,603	545	7,019	--	15,431	15,899	4,062	17,430	31,609
Isobutane/Isobutylene	47,147	--	95	17	3,446	--	2,052	30,336	--	18,317	7,500
Other Liquids	--	25,753	--	149,484	-447,347	-15,045	1,350	-359,442	49,275	21,662	112,877
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	25,753	--	2,818	34,695	29,589	121	71,367	21,368	0	4,613
Hydrogen	--	--	--	--	--	32,725	--	32,725	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	17,207	--	246	--	-199	130	603	16,521	0	966
Renewable Fuels (including Fuel Ethanol)	--	8,546	--	2,051	34,695	-2,416	-9	38,039	4,847	0	3,647
Fuel Ethanol ⁷	--	3,801	--	61	35,057	-248	-505	35,511	3,665	0	2,598
Renewable Fuels Except Fuel Ethanol	--	4,745	--	1,990	-362	-2,168	496	2,528	1,182	0	1,049
Other Hydrocarbons	--	--	--	521	--	-521	--	--	--	0	--
Unfinished Oils	--	--	--	137,610	4,844	--	1,233	119,486	--	21,735	44,038
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	9,056	-486,886	-44,634	20	-550,392	27,908	0	64,223
Reformulated	--	--	--	802	-111,662	26,327	-201	-90,934	6,602	0	10,753
Conventional	--	--	--	8,254	-375,224	-70,961	221	-459,458	21,306	0	53,470
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-24	97	--	-73	3
Finished Petroleum Products	--	--	1,923,750	50,656	-507,322	47,080	876	--	560,427	952,860	108,377
Finished Motor Gasoline	--	--	550,237	--	-108,255	44,882	-3,542	--	90,579	399,827	12,739
Reformulated	--	--	107,913	--	--	-26,651	--	--	--	81,262	--
Conventional	--	--	442,324	--	-108,255	71,533	-3,542	--	90,579	318,565	12,739
Finished Aviation Gasoline	--	--	2,438	--	-1,466	--	58	--	--	914	503
Kerosene-Type Jet Fuel	--	--	211,331	123	-138,951	--	-619	--	30,347	42,775	12,391
Kerosene	--	--	899	--	--	--	-130	--	1,053	-24	161
Distillate Fuel Oil	--	--	692,795	5,576	-260,494	2,198	1,861	--	229,104	209,109	40,664
15 ppm sulfur and under ⁸	--	--	608,250	46	-230,722	2,198	1,916	--	178,172	199,684	32,579
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	33,954	201	-1,660	--	336	--	27,641	4,518	2,627
Greater than 500 ppm sulfur ⁸	--	--	50,591	5,329	-28,112	--	-391	--	23,292	4,907	5,458
Residual Fuel Oil ⁹	--	--	66,301	25,290	8,103	--	2,300	--	82,523	14,871	20,332
Less than 0.31 percent sulfur	--	--	6,199	4,961	--	--	-529	--	NA	NA	1,106
0.31 to 1.00 percent sulfur	--	--	6,428	8,138	--	--	229	--	NA	NA	2,707
Greater than 1.00 percent sulfur	--	--	53,674	12,191	8,103	--	2,600	--	NA	NA	16,519
Petrochemical Feedstocks	--	--	81,702	9,621	416	--	115	--	--	91,624	3,065
Naphtha for Petro. Feed. Use	--	--	56,799	7,845	416	--	77	--	--	64,983	1,550
Other Oils for Petro. Feed. Use	--	--	24,903	1,776	--	--	38	--	--	26,641	1,515
Special Naphthas	--	--	10,392	2,271	-373	--	29	--	11,605	656	1,064
Lubricants	--	--	34,191	5,955	-6,234	--	-591	--	14,545	19,958	6,431
Waxes	--	--	2,095	271	--	--	223	--	428	1,715	504
Petroleum Coke	--	--	133,983	1,515	--	--	815	--	97,035	37,648	5,574
Marketable	--	--	101,251	1,515	--	--	815	--	97,035	4,916	5,574
Catalyst	--	--	32,732	--	--	--	--	--	--	32,732	--
Asphalt and Road Oil	--	--	20,182	--	-159	--	323	--	3,074	16,626	4,593
Still Gas	--	--	103,780	--	--	--	--	--	--	103,780	--
Miscellaneous Products	--	--	13,424	34	91	--	34	--	134	13,381	356
Total	1,629,517	25,665	2,047,736	1,225,856	-1,020,994	126,099	39,585	1,875,721	689,191	1,429,383	1,217,599

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	4,648	--	--	3,691	-373	424	272	8,098	20	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,715	0	416	27	209	--	-26	355	353	1,684
Pentanes Plus	215	0	--	26	-60	--	-10	129	22	41
Liquefied Petroleum Gases	1,500	--	416	1	269	--	-15	226	331	1,644
Ethane/Ethylene	719	--	12	--	214	--	-26	--	--	971
Propane/Propylene	497	--	376	--	19	--	-17	--	314	595
Normal Butane/Butylene	114	--	35	1	20	--	9	99	17	46
Isobutane/Isobutylene	170	--	-9	--	16	--	19	127	--	32
Other Liquids	--	100	--	663	-1,754	-108	50	-1,485	162	175
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	100	--	26	117	106	-11	276	84	0
Hydrogen	--	--	--	--	--	127	--	127	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	--	--	-1	-4	2	62	0
Renewable Fuels (including Fuel Ethanol)	--	39	--	19	117	-13	-7	146	22	0
Fuel Ethanol ⁷	--	14	--	--	125	-3	-10	132	14	0
Renewable Fuels Except Fuel Ethanol	--	24	--	19	-7	-11	3	15	7	0
Other Hydrocarbons	--	--	--	7	--	-7	--	--	--	0
Unfinished Oils	--	--	--	624	30	--	4	476	--	175
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	13	-1,901	-215	57	-2,237	77	0
Reformulated	--	--	--	--	-425	113	19	-359	27	0
Conventional	--	--	--	13	-1,475	-327	39	-1,879	50	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,245	179	-1,919	229	5	--	2,253	3,476
Finished Motor Gasoline	--	--	2,030	--	-435	217	-18	--	325	1,506
Reformulated	--	--	403	--	--	-105	--	--	--	298
Conventional	--	--	1,627	--	-435	322	-18	--	325	1,208
Finished Aviation Gasoline	--	--	9	--	-1	--	3	--	--	5
Kerosene-Type Jet Fuel	--	--	772	--	-513	--	-16	--	100	174
Kerosene	--	--	-1	--	--	--	-6	--	0	5
Distillate Fuel Oil	--	--	2,713	21	-981	12	18	--	1,115	632
15 ppm sulfur and under ⁸	--	--	2,397	--	-891	12	-1	--	937	581
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	122	--	-8	--	18	--	107	-11
Greater than 500 ppm sulfur	--	--	193	21	-82	--	0	--	72	61
Residual Fuel Oil ⁹	--	--	184	101	33	--	31	--	225	62
Less than 0.31 percent sulfur	--	--	23	8	--	--	7	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	16	38	--	--	17	--	NA	NA
Greater than 1.00 percent sulfur	--	--	145	56	33	--	7	--	NA	NA
Petrochemical Feedstocks	--	--	306	28	3	--	6	--	--	331
Naphtha for Petro. Feed. Use	--	--	212	26	3	--	4	--	--	238
Other Oils for Petro. Feed. Use	--	--	93	1	--	--	2	--	--	92
Special Naphthas	--	--	32	13	-2	--	-6	--	50	-1
Lubricants	--	--	137	12	-23	--	1	--	55	70
Waxes	--	--	7	1	--	--	0	--	2	6
Petroleum Coke	--	--	517	3	--	--	4	--	365	151
Marketable	--	--	393	3	--	--	4	--	365	27
Catalyst	--	--	124	--	--	--	--	--	--	124
Asphalt and Road Oil	--	--	84	--	-1	--	-12	--	15	81
Still Gas	--	--	403	--	--	--	--	--	--	403
Miscellaneous Products	--	--	53	--	1	--	2	--	0	52
Total	6,364	100	7,660	4,559	-3,837	544	301	6,968	2,787	5,335

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	4,354	--	--	3,718	-413	345	75	7,905	24	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,615	0	454	39	170	--	62	282	267	1,666
Pentanes Plus	195	0	--	36	-65	--	15	113	4	35
Liquefied Petroleum Gases	1,419	--	454	2	235	--	47	169	263	1,631
Ethane/Ethylene	685	--	14	--	176	--	-8	--	--	882
Propane/Propylene	468	--	368	0	21	--	-9	--	248	617
Normal Butane/Butylene	94	--	72	2	26	--	57	58	15	64
Isobutane/Isobutylene	173	--	0	0	13	--	8	111	--	67
Other Liquids	--	94	--	548	-1,639	-55	5	-1,317	180	79
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	94	--	10	127	108	0	261	78	0
Hydrogen	--	--	--	--	--	120	--	120	--	0
Oxygenates (excluding Fuel Ethanol)	--	63	--	1	--	-1	0	2	61	0
Renewable Fuels (including Fuel Ethanol)	--	31	--	8	127	-9	0	139	18	0
Fuel Ethanol ⁷	--	14	--	0	128	-1	-2	130	13	0
Renewable Fuels Except Fuel Ethanol	--	17	--	7	-1	-8	2	9	4	0
Other Hydrocarbons	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils	--	--	--	504	18	--	5	438	--	80
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	33	-1,783	-163	0	-2,016	102	0
Reformulated	--	--	--	3	-409	96	-1	-333	24	0
Conventional	--	--	--	30	-1,374	-260	1	-1,683	78	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,047	186	-1,858	172	3	--	2,053	3,490
Finished Motor Gasoline	--	--	2,016	--	-397	164	-13	--	332	1,465
Reformulated	--	--	395	--	--	-98	--	--	--	298
Conventional	--	--	1,620	--	-397	262	-13	--	332	1,167
Finished Aviation Gasoline	--	--	9	--	-5	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	774	0	-509	--	-2	--	111	157
Kerosene	--	--	3	--	--	--	0	--	4	0
Distillate Fuel Oil	--	--	2,538	20	-954	8	7	--	839	766
15 ppm sulfur and under ⁸	--	--	2,228	0	-845	8	7	--	653	731
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	124	1	-6	--	1	--	101	17
Greater than 500 ppm sulfur	--	--	185	20	-103	--	-1	--	85	18
Residual Fuel Oil ⁹	--	--	243	93	30	--	8	--	302	54
Less than 0.31 percent sulfur	--	--	23	18	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	24	30	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	197	45	30	--	10	--	NA	NA
Petrochemical Feedstocks	--	--	299	35	2	--	0	--	--	336
Naphtha for Petro. Feed. Use	--	--	208	29	2	--	0	--	--	238
Other Oils for Petro. Feed. Use	--	--	91	7	--	--	0	--	--	98
Special Naphthas	--	--	38	8	-1	--	0	--	43	2
Lubricants	--	--	125	22	-23	--	-2	--	53	73
Waxes	--	--	8	1	--	--	1	--	2	6
Petroleum Coke	--	--	491	6	--	--	3	--	355	138
Marketable	--	--	371	6	--	--	3	--	355	18
Catalyst	--	--	120	--	--	--	--	--	--	120
Asphalt and Road Oil	--	--	74	--	-1	--	1	--	11	61
Still Gas	--	--	380	--	--	--	--	--	--	380
Miscellaneous Products	--	--	49	0	0	--	0	--	0	49
Total	5,969	94	7,501	4,490	-3,740	462	145	6,871	2,525	5,236

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	16,057	--	--	8,257	-5,507	-1,205	0	17,601	1	0	19,287
Natural Gas Plant Liquids and Liquefied Refinery Gases	10,006	-9	378	254	-8,404	--	-1	426	380	1,420	1,893
Pentanes Plus	1,581	-9	--	--	-1,139	--	-3	128	346	-38	231
Liquefied Petroleum Gases	8,425	--	378	254	-7,265	--	2	298	34	1,458	1,662
Ethane/Ethylene	3,521	--	--	--	-3,416	--	15	--	--	90	453
Propane/Propylene	3,110	--	297	196	-2,389	--	-6	--	4	1,216	543
Normal Butane/Butylene	1,271	--	83	47	-839	--	-40	145	29	428	472
Isobutane/Isobutylene	523	--	-2	11	-621	--	33	153	--	-275	194
Other Liquids	--	425	--	10	927	-290	291	824	--	-43	5,881
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	425	--	--	421	129	19	956	--	0	300
Hydrogen	--	--	--	--	--	189	--	189	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	425	--	--	421	-60	19	767	--	0	300
Fuel Ethanol ⁶	--	415	--	--	355	-14	21	735	--	0	291
Renewable Fuels Except Fuel Ethanol	--	10	--	--	66	-46	-2	32	--	0	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	424	-381	--	-43	2,996
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	10	506	-419	-152	249	--	0	2,585
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	506	-419	-152	249	--	0	2,585
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	19,126	58	-62	479	-569	--	34	20,136	9,647
Finished Motor Gasoline	--	--	9,556	--	-655	433	-282	--	0	9,616	3,678
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,556	--	-655	433	-282	--	0	9,616	3,678
Finished Aviation Gasoline	--	--	10	--	--	--	-2	--	--	12	19
Kerosene-Type Jet Fuel	--	--	778	--	778	--	63	--	--	1,493	702
Kerosene	--	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	6,042	8	-185	46	32	--	0	5,879	3,618
15 ppm sulfur and under ⁷	--	--	5,963	8	-173	46	118	--	0	5,726	3,262
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	98	--	-12	--	-91	--	--	177	203
Greater than 500 ppm sulfur	--	--	-19	--	--	--	5	--	--	-24	153
Residual Fuel Oil ⁸	--	--	337	29	--	--	1	--	5	360	196
Less than 0.31 percent sulfur	--	--	199	--	--	--	-6	--	NA	NA	20
0.31 to 1.00 percent sulfur	--	--	35	1	--	--	-10	--	NA	NA	11
Greater than 1.00 percent sulfur	--	--	103	28	--	--	17	--	NA	NA	165
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	10	-10	--
Lubricants	--	--	--	--	--	--	--	--	11	-11	--
Waxes	--	--	--	1	--	--	--	--	0	1	--
Petroleum Coke	--	--	691	--	--	--	-42	--	0	733	50
Marketable	--	--	468	--	--	--	-42	--	0	510	50
Catalyst	--	--	223	--	--	--	--	--	--	223	--
Asphalt and Road Oil	--	--	918	19	--	--	-338	--	7	1,268	1,373
Still Gas	--	--	678	--	--	--	--	--	--	678	--
Miscellaneous Products	--	--	116	1	--	--	-1	--	--	118	11
Total	26,063	416	19,504	8,579	-13,046	-1,016	-279	18,851	415	21,513	36,708

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	139,573	--	--	79,019	-46,108	-13,333	1,073	158,068	10	0	19,287
Natural Gas Plant Liquids and Liquefied Refinery Gases	86,184	-86	3,535	3,052	-71,945	--	423	4,378	4,054	11,885	1,893
Pentanes Plus	13,606	-86	--	5	-10,278	--	37	1,642	3,596	-2,028	231
Liquefied Petroleum Gases	72,578	--	3,535	3,047	-61,667	--	386	2,736	459	13,912	1,662
Ethane/Ethylene	29,534	--	--	--	-27,556	--	53	--	--	1,925	453
Propane/Propylene	27,314	--	2,430	2,679	-21,081	--	180	--	28	11,134	543
Normal Butane/Butylene	11,230	--	1,397	230	-7,285	--	106	1,274	431	3,761	472
Isobutane/Isobutylene	4,500	--	-292	138	-5,745	--	47	1,462	--	-2,908	194
Other Liquids	--	3,865	--	10	6,760	-2,440	-1,518	6,634	52	3,026	5,881
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	3,865	--	--	3,391	1,508	-4	8,715	52	0	300
Hydrogen	--	--	--	--	--	1,772	--	1,772	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	3,865	--	--	3,391	-264	-4	6,943	52	0	300
Fuel Ethanol ⁶	--	3,820	--	--	2,979	-44	-10	6,746	19	0	291
Renewable Fuels Except Fuel Ethanol	--	45	--	--	412	-220	6	197	33	0	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-922	-2,104	--	3,026	2,996
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	10	3,369	-3,948	-592	23	0	0	2,585
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	3,369	-3,948	-592	23	0	0	2,585
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	171,603	923	295	4,212	-1,646	--	514	178,166	9,647
Finished Motor Gasoline	--	--	85,122	1	-5,009	3,992	-506	--	5	84,607	3,678
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	85,122	1	-5,009	3,992	-506	--	5	84,607	3,678
Finished Aviation Gasoline	--	--	94	1	--	--	-1	--	--	96	19
Kerosene-Type Jet Fuel	--	--	6,992	--	6,215	--	53	--	4	13,150	702
Kerosene	--	--	6	--	--	--	-1	--	4	3	--
Distillate Fuel Oil	--	--	53,356	252	-911	220	-481	--	59	53,339	3,618
15 ppm sulfur and under ⁷	--	--	52,497	101	-549	220	-546	--	1	52,815	3,262
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	995	151	-362	--	47	--	58	679	203
Greater than 500 ppm sulfur	--	--	-136	--	--	--	18	--	--	-154	153
Residual Fuel Oil ⁸	--	--	2,921	115	--	--	-10	--	112	2,934	196
Less than 0.31 percent sulfur	--	--	1,608	--	--	--	-2	--	NA	NA	20
0.31 to 1.00 percent sulfur	--	--	241	20	--	--	7	--	NA	NA	11
Greater than 1.00 percent sulfur	--	--	1,072	95	--	--	-15	--	NA	NA	165
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	190	-190	--
Lubricants	--	--	--	--	--	--	-1	--	87	-86	--
Waxes	--	--	--	1	--	--	--	--	5	-4	--
Petroleum Coke	--	--	6,473	--	--	--	-27	--	1	6,499	50
Marketable	--	--	4,387	--	--	--	-27	--	1	4,413	50
Catalyst	--	--	2,086	--	--	--	--	--	--	2,086	--
Asphalt and Road Oil	--	--	9,260	544	--	--	-664	--	47	10,421	1,373
Still Gas	--	--	6,319	--	--	--	--	--	--	6,319	--
Miscellaneous Products	--	--	1,060	9	--	--	-8	--	--	1,077	11
Total	225,757	3,779	175,138	83,004	-110,998	-11,561	-1,668	169,080	4,631	193,076	36,708

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	535	--	--	275	-184	-40	0	587	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	334	0	13	8	-280	--	0	14	13	47
Pentanes Plus	53	0	--	--	-38	--	0	4	12	-1
Liquefied Petroleum Gases	281	--	13	8	-242	--	0	10	1	49
Ethane/Ethylene	117	--	--	--	-114	--	1	--	--	3
Propane/Propylene	104	--	10	7	-80	--	0	--	0	41
Normal Butane/Butylene	42	--	3	2	-28	--	-1	5	1	14
Isobutane/Isobutylene	17	--	0	0	-21	--	1	5	--	-9
Other Liquids	--	14	--	0	31	-10	10	27	--	-1
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	--	14	4	1	32	--	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	14	--	--	14	-2	1	26	--	0
Fuel Ethanol ⁶	--	14	--	--	12	0	1	25	--	0
Renewable Fuels Except Fuel Ethanol	--	0	--	--	2	-2	0	1	--	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	14	-13	--	-1
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	17	-14	-5	8	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	17	-14	-5	8	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	638	2	-2	16	-19	--	1	671
Finished Motor Gasoline	--	--	319	--	-22	14	-9	--	0	321
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	319	--	-22	14	-9	--	0	321
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	26	--	26	--	2	--	--	50
Kerosene	--	--	--	--	--	--	--	--	--	--
Distillate Fuel Oil	--	--	201	0	-6	2	1	--	0	196
15 ppm sulfur and under ⁷	--	--	199	0	-6	2	4	--	0	191
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3	--	0	--	-3	--	--	6
Greater than 500 ppm sulfur	--	--	-1	--	--	--	0	--	--	-1
Residual Fuel Oil ⁸	--	--	11	1	--	--	0	--	0	12
Less than 0.31 percent sulfur	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	3	1	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	23	--	--	--	-1	--	0	24
Marketable	--	--	16	--	--	--	-1	--	0	17
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	31	1	--	--	-11	--	0	42
Still Gas	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	869	14	650	286	-435	-34	-9	628	14	717

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	511	--	--	289	-169	-49	4	579	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	316	0	13	11	-264	--	2	16	15	44
Pentanes Plus	50	0	--	0	-38	--	0	6	13	-7
Liquefied Petroleum Gases	266	--	13	11	-226	--	1	10	2	51
Ethane/Ethylene	108	--	--	--	-101	--	0	--	--	7
Propane/Propylene	100	--	9	10	-77	--	1	--	0	41
Normal Butane/Butylene	41	--	5	1	-27	--	0	5	2	14
Isobutane/Isobutylene	16	--	-1	1	-21	--	0	5	--	-11
Other Liquids	--	14	--	0	25	-9	-6	24	0	11
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	--	12	6	0	32	0	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	14	--	--	12	-1	0	25	0	0
Fuel Ethanol ⁶	--	14	--	--	11	0	0	25	0	0
Renewable Fuels Except Fuel Ethanol	--	0	--	--	2	-1	0	1	0	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-3	-8	--	11
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	0	12	-14	-2	0	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	12	-14	-2	0	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	629	3	1	15	-6	--	2	653
Finished Motor Gasoline	--	--	312	0	-18	15	-2	--	0	310
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	312	0	-18	15	-2	--	0	310
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	26	--	23	--	0	--	0	48
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	195	1	-3	1	-2	--	0	195
15 ppm sulfur and under ⁷	--	--	192	0	-2	1	-2	--	0	193
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	4	1	-1	--	0	--	0	2
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	-1
Residual Fuel Oil ⁸	--	--	11	0	--	--	0	--	0	11
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	1	-1
Lubricants	--	--	--	--	--	--	0	--	0	0
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	24	--	--	--	0	--	0	24
Marketable	--	--	16	--	--	--	0	--	0	16
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	34	2	--	--	-2	--	0	38
Still Gas	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	827	14	642	304	-407	-42	-6	619	17	707

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	33,114	--	--	36,279	--	4,213	311	73,295	--	0	52,719
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,818	-8	1,970	134	--	--	1,076	1,782	396	660	8,270
Pentanes Plus	794	-8	--	--	--	--	163	552	92	-21	314
Liquefied Petroleum Gases	1,024	--	1,970	134	--	--	913	1,230	304	681	7,956
Ethane/Ethylene	3	--	--	--	--	--	--	--	--	3	--
Propane/Propylene	420	--	1,475	124	--	--	374	--	299	1,346	2,272
Normal Butane/Butylene	158	--	451	10	--	--	378	556	5	-320	5,110
Isobutane/Isobutylene	443	--	44	--	--	--	161	674	--	-348	574
Other Liquids	--	602	--	3,200	7,556	2,809	-2,126	14,630	387	1,276	46,625
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	602	--	582	4,285	1,121	-74	6,567	97	0	3,056
Hydrogen	--	--	--	--	--	1,402	--	1,402	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	1	--	--	1	0	--
Renewable Fuels (including Fuel Ethanol)	--	602	--	582	4,285	-282	-74	5,165	96	0	3,056
Fuel Ethanol ⁶	--	381	--	311	3,984	-87	39	4,473	77	0	2,295
Renewable Fuels Except Fuel Ethanol	--	221	--	271	301	-195	-113	692	19	0	761
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,142	--	--	-786	1,652	--	1,276	19,282
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	476	3,271	1,688	-1,266	6,411	290	0	24,287
Reformulated	--	--	--	--	2,072	-493	-755	2,331	3	0	12,529
Conventional	--	--	--	476	1,199	2,181	-511	4,080	287	0	11,758
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	93,146	3,128	1,683	-1,231	1,569	--	9,687	85,470	35,226
Finished Motor Gasoline	--	--	47,694	87	770	-1,601	12	--	1,128	45,810	3,876
Reformulated	--	--	31,555	--	--	233	-1	--	--	31,789	16
Conventional	--	--	16,139	87	770	-1,834	13	--	1,128	14,021	3,860
Finished Aviation Gasoline	--	--	48	--	--	--	42	--	--	6	209
Kerosene-Type Jet Fuel	--	--	13,610	1,045	281	--	882	--	1,111	12,943	9,233
Kerosene	--	--	9	--	--	--	54	--	2	-47	88
Distillate Fuel Oil	--	--	17,880	314	854	370	808	--	3,382	15,228	12,653
15 ppm sulfur and under ⁷	--	--	16,799	252	842	370	301	--	2,538	15,424	10,915
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	276	3	12	--	-1	--	3	289	476
Greater than 500 ppm sulfur	--	--	805	59	--	--	508	--	842	-486	1,262
Residual Fuel Oil ⁸	--	--	3,555	1,437	--	--	74	--	487	4,431	5,319
Less than 0.31 percent sulfur	--	--	-48	--	--	--	54	--	NA	NA	600
0.31 to 1.00 percent sulfur	--	--	918	440	--	--	82	--	NA	NA	1,093
Greater than 1.00 percent sulfur	--	--	2,685	997	--	--	-62	--	NA	NA	3,626
Petrochemical Feedstocks	--	--	5	53	--	--	0	--	--	58	2
Naphtha for Petro. Feed. Use	--	--	5	53	--	--	0	--	--	58	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	12	--	--	--	-35	--	1	46	26
Lubricants	--	--	644	12	-222	--	29	--	172	233	1,130
Waxes	--	--	--	21	--	--	--	--	5	16	--
Petroleum Coke	--	--	4,655	36	--	--	-12	--	3,300	1,403	1,292
Marketable	--	--	3,608	36	--	--	-12	--	3,300	356	1,292
Catalyst	--	--	1,047	--	--	--	--	--	--	1,047	--
Asphalt and Road Oil	--	--	616	123	--	--	-281	--	96	924	1,316
Still Gas	--	--	4,033	--	--	--	--	--	--	4,033	--
Miscellaneous Products	--	--	385	--	--	--	-4	--	2	387	82
Total	34,932	594	95,116	42,741	9,239	5,791	830	89,707	10,470	87,406	142,840

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	300,668	--	--	297,837	--	31,342	-3,713	633,292	267	0	52,719
Natural Gas Plant Liquids and Liquefied Refinery Gases	17,739	-73	18,288	1,401	--	--	3,536	17,170	3,791	12,858	8,270
Pentanes Plus	7,914	-73	--	--	--	--	263	5,739	974	865	314
Liquefied Petroleum Gases	9,825	--	18,288	1,401	--	--	3,273	11,431	2,817	11,993	7,956
Ethane/Ethylene	24	--	--	--	--	--	--	--	--	24	--
Propane/Propylene	3,837	--	12,112	1,240	--	--	357	--	2,540	14,292	2,272
Normal Butane/Butylene	2,144	--	6,069	161	--	--	2,861	5,740	277	-504	5,110
Isobutane/Isobutylene	3,820	--	107	--	--	--	55	5,691	--	-1,819	574
Other Liquids	--	4,367	--	28,009	68,610	29,171	-3,990	130,527	4,372	-751	46,625
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,367	--	4,082	38,750	10,270	33	56,519	917	0	3,056
Hydrogen	--	--	--	--	--	11,857	--	11,857	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	15	--	--	15	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,367	--	4,082	38,750	-1,603	33	44,662	902	0	3,056
Fuel Ethanol ⁶	--	3,121	--	2,109	35,620	-282	-416	40,609	375	0	2,295
Renewable Fuels Except Fuel Ethanol	--	1,246	--	1,973	3,130	-1,320	449	4,053	527	0	761
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	19,806	352	--	2,760	18,149	--	-751	19,282
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	4,121	29,508	18,902	-6,783	55,859	3,455	0	24,287
Reformulated	--	--	--	--	18,111	1,472	-4,664	22,777	1,470	0	12,529
Conventional	--	--	--	4,121	11,397	17,430	-2,119	33,082	1,985	0	11,758
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	811,808	28,430	18,585	-16,557	-3,685	--	92,837	753,114	35,226
Finished Motor Gasoline	--	--	429,975	2,640	8,629	-18,619	-71	--	9,259	413,436	3,876
Reformulated	--	--	289,456	--	--	-3,658	1	--	--	285,797	16
Conventional	--	--	140,519	2,640	8,629	-14,962	-72	--	9,259	127,639	3,860
Finished Aviation Gasoline	--	--	278	--	43	--	-23	--	--	344	209
Kerosene-Type Jet Fuel	--	--	110,876	10,846	2,372	--	-1,065	--	8,357	116,802	9,233
Kerosene	--	--	72	15	--	--	40	--	39	8	88
Distillate Fuel Oil	--	--	151,693	2,559	8,218	2,062	-2,699	--	31,340	135,892	12,653
15 ppm sulfur and under ⁷	--	--	144,246	2,152	7,856	2,062	-1,751	--	22,089	135,978	10,915
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3,861	66	362	--	-643	--	5,576	-644	476
Greater than 500 ppm sulfur	--	--	3,586	341	--	--	-305	--	3,675	557	1,262
Residual Fuel Oil ⁸	--	--	29,083	10,411	--	--	515	--	6,227	32,752	5,319
Less than 0.31 percent sulfur	--	--	34	1,079	--	--	254	--	NA	NA	600
0.31 to 1.00 percent sulfur	--	--	7,477	1,704	--	--	292	--	NA	NA	1,093
Greater than 1.00 percent sulfur	--	--	21,572	7,628	--	--	-31	--	NA	NA	3,626
Petrochemical Feedstocks	--	--	45	372	--	--	1	--	--	416	2
Naphtha for Petro. Feed. Use	--	--	45	372	--	--	1	--	--	416	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	206	19	--	--	-2	--	225	2	26
Lubricants	--	--	4,489	103	-677	--	278	--	1,602	2,035	1,130
Waxes	--	--	--	320	--	--	--	--	58	262	--
Petroleum Coke	--	--	41,802	299	--	--	-200	--	34,699	7,602	1,292
Marketable	--	--	32,571	299	--	--	-200	--	34,699	-1,629	1,292
Catalyst	--	--	9,231	--	--	--	--	--	--	9,231	--
Asphalt and Road Oil	--	--	5,509	846	--	--	-457	--	1,014	5,798	1,316
Still Gas	--	--	34,541	--	--	--	--	--	--	34,541	--
Miscellaneous Products	--	--	3,239	--	--	--	-2	--	17	3,224	82
Total	318,407	4,294	830,096	355,677	87,195	43,956	-7,852	780,989	101,267	765,221	142,840

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,104	--	--	1,209	--	140	10	2,443	--	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	61	0	66	4	--	--	36	59	13	22
Pentanes Plus	26	0	--	--	--	--	5	18	3	-1
Liquefied Petroleum Gases	34	--	66	4	--	--	30	41	10	23
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	14	--	49	4	--	--	12	--	10	45
Normal Butane/Butylene	5	--	15	0	--	--	13	19	0	-11
Isobutane/Isobutylene	15	--	1	--	--	--	5	22	--	-12
Other Liquids	--	20	--	107	252	94	-71	488	13	43
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	20	--	19	143	37	-2	219	3	0
Hydrogen	--	--	--	--	--	47	--	47	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	20	--	19	143	-9	-2	172	3	0
Fuel Ethanol ⁶	--	13	--	10	133	-3	1	149	3	0
Renewable Fuels Except Fuel Ethanol	--	7	--	9	10	-7	-4	23	1	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	71	--	--	-26	55	--	43
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	16	109	56	-42	214	10	0
Reformulated	--	--	--	--	69	-16	-25	78	0	0
Conventional	--	--	--	16	40	73	-17	136	10	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,105	104	56	-41	52	--	323	2,849
Finished Motor Gasoline	--	--	1,590	3	26	-53	0	--	38	1,527
Reformulated	--	--	1,052	--	--	8	0	--	--	1,060
Conventional	--	--	538	3	26	-61	0	--	38	467
Finished Aviation Gasoline	--	--	2	--	--	--	1	--	--	0
Kerosene-Type Jet Fuel	--	--	454	35	9	--	29	--	37	431
Kerosene	--	--	0	--	--	--	2	--	0	-2
Distillate Fuel Oil	--	--	596	10	28	12	27	--	113	508
15 ppm sulfur and under ⁷	--	--	560	8	28	12	10	--	85	514
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	9	0	0	--	0	--	0	10
Greater than 500 ppm sulfur	--	--	27	2	--	--	17	--	28	-16
Residual Fuel Oil ⁸	--	--	119	48	--	--	2	--	16	148
Less than 0.31 percent sulfur	--	--	-2	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	31	15	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	90	33	--	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	0	2	--	--	0	--	--	2
Naphtha for Petro. Feed. Use	--	--	0	2	--	--	0	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	0	--	--	--	-1	--	0	2
Lubricants	--	--	21	0	-7	--	1	--	6	8
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	155	1	--	--	0	--	110	47
Marketable	--	--	120	1	--	--	0	--	110	12
Catalyst	--	--	35	--	--	--	--	--	--	35
Asphalt and Road Oil	--	--	21	4	--	--	-9	--	3	31
Still Gas	--	--	134	--	--	--	--	--	--	134
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,164	20	3,171	1,425	308	193	28	2,990	349	2,914

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-September 2013
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,101	--	--	1,091	--	115	-14	2,320	1	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	65	0	67	5	--	--	13	63	14	47
Pentanes Plus	29	0	--	--	--	--	1	21	4	3
Liquefied Petroleum Gases	36	--	67	5	--	--	12	42	10	44
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	14	--	44	5	--	--	1	--	9	52
Normal Butane/Butylene	8	--	22	1	--	--	10	21	1	-2
Isobutane/Isobutylene	14	--	0	--	--	--	0	21	--	-7
Other Liquids	--	16	--	103	251	107	-15	478	16	-3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	16	--	15	142	38	0	207	3	0
Hydrogen	--	--	--	--	--	43	--	43	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	16	--	15	142	-6	0	164	3	0
Fuel Ethanol ⁶	--	11	--	8	130	-1	-2	149	1	0
Renewable Fuels Except Fuel Ethanol	--	5	--	7	11	-5	2	15	2	0
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	73	1	--	10	66	--	-3
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	15	108	69	-25	205	13	0
Reformulated	--	--	--	--	66	5	-17	83	5	0
Conventional	--	--	--	15	42	64	-8	121	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,974	104	68	-61	-13	--	340	2,759
Finished Motor Gasoline	--	--	1,575	10	32	-68	0	--	34	1,514
Reformulated	--	--	1,060	--	--	-13	0	--	--	1,047
Conventional	--	--	515	10	32	-55	0	--	34	468
Finished Aviation Gasoline	--	--	1	--	0	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	406	40	9	--	-4	--	31	428
Kerosene	--	--	0	0	--	--	0	--	0	0
Distillate Fuel Oil	--	--	556	9	30	8	-10	--	115	498
15 ppm sulfur and under ⁷	--	--	528	8	29	8	-6	--	81	498
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	14	0	1	--	-2	--	20	-2
Greater than 500 ppm sulfur	--	--	13	1	--	--	-1	--	13	2
Residual Fuel Oil ⁸	--	--	107	38	--	--	2	--	23	120
Less than 0.31 percent sulfur	--	--	0	4	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	27	6	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	79	28	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	2
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	0	--	--	0	--	1	0
Lubricants	--	--	16	0	-2	--	1	--	6	7
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	153	1	--	--	-1	--	127	28
Marketable	--	--	119	1	--	--	-1	--	127	-6
Catalyst	--	--	34	--	--	--	--	--	--	34
Asphalt and Road Oil	--	--	20	3	--	--	-2	--	4	21
Still Gas	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	12	--	--	--	0	--	0	12
Total	1,166	16	3,041	1,303	319	161	-29	2,861	371	2,803

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, September 2013
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,020	44,167	139,452	16,057	33,114	233,810	7,794
Alaskan	--	--	--	--	--	15,332	511
Lower 48 States	--	--	--	--	--	218,478	7,283
Imports (PAD District of Entry)	26,908	55,181	110,719	8,257	36,279	237,344	7,911
Commercial	26,908	55,181	110,719	8,257	36,279	237,344	7,911
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	20	16,673	-11,186	-5,507	--	--	--
Adjustments ¹	3,378	-10,758	12,706	-1,205	4,213	8,334	278
Disposition							
Stock Change ²	-1,285	505	8,157	0	311	7,688	256
Commercial	--	--	8,157	--	--	7,688	256
SPR	--	--	0	--	--	0	0
Refinery Inputs	32,517	102,476	242,936	17,601	73,295	468,825	15,628
Exports	94	2,282	598	1	--	2,975	99
Ending Stocks							
Total	10,326	102,610	882,207	19,287	52,719	1,067,149	--
Commercial	10,326	102,610	186,238	19,287	52,719	371,180	--
Refinery	8,139	12,920	44,531	2,484	22,704	90,778	--
Tank Farms and Pipelines	2,033	84,878	122,497	12,956	26,534	248,898	--
Cushing, Oklahoma	--	33,017	--	--	--	33,017	--
Lease	154	4,812	19,210	3,847	678	28,701	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,803	2,803	--
SPR	--	--	695,969	--	--	695,969	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	65.2	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	38.0	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	110	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	26,908	55,181	110,719	8,257	36,279	237,344	7,911
PAD District of Processing	27,065	53,704	112,606	7,690	36,279	237,344	7,911

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the Bureau of Census.

Table 26. Production of Crude Oil by PAD District and State, September 2013
(Thousand Barrels)

PAD District and State	September 2013		January-September 2013	
	Total	Daily Average	Total	Daily Average
PAD District 1	1,020	34	8,672	32
Florida	212	7	1,590	6
New York	29	1	263	1
Pennsylvania	416	14	3,786	14
Virginia	0	0	5	0
West Virginia	363	12	3,026	11
PAD District 2	44,167	1,472	366,285	1,342
Illinois	779	26	7,122	26
Indiana	186	6	1,803	7
Kansas	3,801	127	34,911	128
Kentucky	124	4	2,004	7
Michigan	663	22	5,771	21
Missouri	17	1	150	1
Nebraska	233	8	1,982	7
North Dakota	27,958	932	225,923	828
Ohio	624	21	4,043	15
Oklahoma	9,601	320	81,017	297
South Dakota	161	5	1,360	5
Tennessee	19	1	200	1
PAD District 3	139,452	4,648	1,188,751	4,354
Alabama	813	27	7,716	28
Arkansas	543	18	4,961	18
Louisiana	5,959	199	54,772	201
Mississippi	1,964	65	18,221	67
New Mexico	8,388	280	71,917	263
Texas	81,791	2,726	686,452	2,514
Federal Offshore PAD District 3	39,994	1,333	344,714	1,263
PAD District 4	16,057	535	139,573	511
Colorado	5,335	178	45,198	166
Montana	2,431	81	21,923	80
Utah	2,781	93	24,998	92
Wyoming	5,510	184	47,455	174
PAD District 5	33,114	1,104	300,668	1,101
Alaska	15,332	511	138,782	508
South Alaska	536	18	3,940	14
North Slope	14,796	493	134,842	494
Arizona	5	0	49	0
California	16,391	546	147,763	541
Nevada	25	1	251	1
Federal Offshore PAD District 5	1,361	45	13,824	51
U.S. Total	233,810	7,794	2,003,948	7,340

— = No Data Reported.

Note: The year-to-date totals include revised monthly State estimates published in the Petroleum Supply Navigator. Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, reported production of most States are estimates. State offshore production for Louisiana, Texas, Alaska, and California are included in the State totals and are not reported separately in a "State Offshore Production" category.

Sources: State government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	—	2,687	2,687	2,746	2,092	10,392	15,230
Pentanes Plus	—	443	443	149	362	1,385	1,896
Liquefied Petroleum Gases	—	2,244	2,244	2,597	1,730	9,007	13,334
Ethane	—	27	27	1,196	119	3,586	4,901
Propane	—	1,517	1,517	1,013	1,024	3,550	5,587
Normal Butane	—	474	474	96	488	977	1,561
Isobutane	—	226	226	292	99	894	1,285

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	35,291	5,039	5,552	616	4,957	51,455	10,006	1,818	81,196
Pentanes Plus	4,444	578	692	188	551	6,453	1,581	794	11,167
Liquefied Petroleum Gases	30,847	4,461	4,860	428	4,406	45,002	8,425	1,024	70,029
Ethane	14,831	2,131	2,261	118	2,222	21,563	3,521	3	30,015
Propane	10,196	1,473	1,631	171	1,440	14,911	3,110	420	25,545
Normal Butane	3,651	-1,358	551	84	501	3,429	1,271	158	6,893
Isobutane	2,169	2,215	417	55	243	5,099	523	443	7,576

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids	—	248	248	260	64	717	1,041
Pentanes Plus	—	66	66	18	26	134	178
Liquefied Petroleum Gases	—	182	182	242	38	583	863
Ethane	—	—	—	31	—	158	189
Propane	—	116	116	160	21	208	389
Normal Butane	—	34	34	8	15	143	166
Isobutane	—	32	32	43	2	74	119

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids	127	3,123	992	19	11	4,272	174	514	6,249
Pentanes Plus	33	70	130	7	3	243	49	108	644
Liquefied Petroleum Gases	94	3,053	862	12	8	4,029	125	406	5,605
Ethane	26	301	—	—	—	327	1	—	517
Propane	40	1,672	24	9	5	1,750	64	34	2,353
Normal Butane	18	700	698	3	1	1,420	51	328	1,999
Isobutane	10	380	140	—	2	532	9	44	736

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	29,611	2,906	32,517	67,983	12,033	22,460	102,476
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	793	5	798	2,014	100	1,032	3,146
Pentanes Plus	—	—	—	777	2	340	1,119
Liquefied Petroleum Gases	793	5	798	1,237	98	692	2,027
Normal Butane	518	5	523	178	42	294	514
Isobutane	275	—	275	1,059	56	398	1,513
Other Liquids	66,579	6,063	72,642	6,083	4,679	3,464	14,226
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	9,103	846	9,949	5,372	1,228	1,527	8,127
Hydrogen	113	21	134	488	59	138	685
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,990	825	9,815	4,835	1,169	1,389	7,393
Fuel Ethanol	8,620	753	9,373	4,500	1,098	1,288	6,886
Renewable Diesel Fuel	370	72	442	335	71	101	507
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	49	—	—	49
Unfinished Oils (net)	2,973	-60	2,913	-1,270	-329	-2	-1,601
Naphthas and Lighter	469	-25	444	315	-6	71	380
Kerosene and Light Gas Oils	-119	-1	-120	-1,160	-79	-27	-1,266
Heavy Gas Oils	927	-32	895	149	-243	307	213
Residuum	1,696	-2	1,694	-574	-1	-353	-928
Motor Gasoline Blend.Comp. (MGBC)(net)	54,503	5,277	59,780	1,981	3,780	1,939	7,700
Reformulated - RBOB	15,235	445	15,680	-570	946	816	1,192
Conventional	39,268	4,832	44,100	2,551	2,834	1,123	6,508
CBOB	34,866	4,811	39,677	2,392	2,381	1,101	5,874
GTAB	1,155	—	1,155	—	—	—	—
Other	3,247	21	3,268	159	453	22	634
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	96,983	8,974	105,957	76,080	16,812	26,956	119,848

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,774	120,785	92,040	6,544	3,793	242,936	17,601	73,295	468,825
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	515	5,289	4,577	136	125	10,642	426	1,782	16,794
Pentanes Plus	201	1,979	1,633	54	—	3,867	128	552	5,666
Liquefied Petroleum Gases	314	3,310	2,944	82	125	6,775	298	1,230	11,128
Normal Butane	163	1,588	1,207	15	—	2,973	145	556	4,711
Isobutane	151	1,722	1,737	67	125	3,802	153	674	6,417
Other Liquids	9,665	-31,841	-27,481	4,966	138	-44,553	824	14,630	57,769
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	1,826	3,228	1,914	1,100	214	8,282	956	6,567	33,881
Hydrogen	24	2,121	1,472	159	40	3,816	189	1,402	6,226
Oxygenates (excluding Fuel Ethanol)	—	74	—	—	—	74	—	—	74
Methyl Tertiary Butyl Ether (MTBE)	—	74	—	—	—	74	—	—	74
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,802	1,033	442	941	174	4,392	767	5,165	27,532
Fuel Ethanol	1,706	755	426	911	153	3,951	735	4,473	25,418
Renewable Diesel Fuel	96	278	16	28	21	439	32	692	2,112
Other Renewable Fuels	—	—	—	2	—	2	—	—	2
Other Hydrocarbons	—	—	—	—	—	—	—	—	49
Unfinished Oils (net)	-343	4,650	9,925	35	0	14,267	-381	1,652	16,850
Naphthas and Lighter	17	-2,646	536	10	-2	-2,085	11	-442	-1,692
Kerosene and Light Gas Oils	-44	-1,624	-649	21	-8	-2,304	-214	-367	-4,271
Heavy Gas Oils	-180	6,865	6,953	63	10	13,711	69	1,962	16,850
Residuum	-136	2,055	3,085	-59	—	4,945	-247	499	5,963
Motor Gasoline Blend.Comp. (MGBC)(net)	8,176	-39,719	-39,326	3,831	-76	-67,114	249	6,411	7,026
Reformulated - RBOB	5,027	-11,099	-4,258	—	-425	-10,755	—	2,331	8,448
Conventional	3,149	-28,620	-35,068	3,831	349	-56,359	249	4,080	-1,422
CBOB	3,770	-26,946	-32,902	4,718	337	-51,023	-320	3,495	-2,297
GTAB	—	—	—	—	—	—	—	—	1,155
Other	-621	-1,674	-2,166	-887	12	-5,336	569	585	-280
Aviation Gasoline Blend. Comp. (net)	6	—	6	—	—	12	—	—	12
Total Input	29,954	94,233	69,136	11,646	4,056	209,025	18,851	89,707	543,388

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	719	28	747	2,872	146	444	3,462
Ethane/Ethylene	9	—	9	—	—	—	—
Ethane	—	—	—	—	—	—	—
Ethylene	9	—	9	—	—	—	—
Propane/Propylene	1,050	28	1,078	2,342	225	544	3,111
Propane	619	28	647	1,541	179	395	2,115
Propylene	431	—	431	801	46	149	996
Normal Butane/Butylene	-349	16	-333	581	-71	-35	475
Normal Butane	-384	19	-365	480	-71	-35	374
Butylene	35	-3	32	101	—	—	101
Isobutane/Isobutylene	9	-16	-7	-51	-8	-65	-124
Isobutane	9	-16	-7	-51	-8	-65	-124
Isobutylene	—	—	—	—	—	—	—
Finished Motor Gasoline	79,012	7,062	86,074	43,127	10,928	15,306	69,361
Reformulated	35,773	495	36,268	8,214	1,443	906	10,563
Reformulated Blended with Fuel Ethanol	35,773	495	36,268	8,214	1,443	906	10,563
Reformulated Other	—	—	—	—	—	—	—
Conventional	43,239	6,567	49,806	34,913	9,485	14,400	58,798
Conventional Blended with Fuel Ethanol	49,300	7,070	56,370	36,601	9,349	11,701	57,651
Ed55 and Lower	49,294	7,070	56,364	36,591	9,318	11,662	57,571
Greater than Ed55	6	—	6	10	31	39	80
Conventional Other	-6,061	-503	-6,564	-1,688	136	2,699	1,147
Finished Aviation Gasoline	—	—	—	—	135	—	135
Kerosene-Type Jet Fuel	2,416	—	2,416	4,766	799	810	6,375
Kerosene	82	—	82	9	—	11	20
Distillate Fuel Oil	10,523	814	11,337	17,964	3,232	8,833	30,029
15 ppm sulfur and under	7,585	717	8,302	17,744	3,384	8,842	29,970
Greater than 15 ppm to 500 ppm sulfur	27	162	189	43	-37	45	51
Greater than 500 ppm sulfur	2,911	-65	2,846	177	-115	-54	8
Residual Fuel Oil	2,083	8	2,091	1,027	217	101	1,345
Less than 0.31 percent sulfur	630	8	638	—	—	—	—
0.31 to 1.00 percent sulfur	347	—	347	92	49	—	141
Greater than 1.00 percent sulfur	1,106	—	1,106	935	168	101	1,204
Petrochemical Feedstocks	160	—	160	982	-24	77	1,035
Naphtha for Petro. Feed. Use	160	—	160	650	-24	31	657
Other Oils for Petro. Feed. Use	—	—	—	332	—	46	378
Special Naphthas	—	23	23	-30	—	10	-20
Lubricants	254	200	454	—	—	237	237
Waxes	—	10	10	—	—	36	36
Petroleum Coke	927	20	947	3,390	454	808	4,652
Marketable	314	—	314	2,337	314	537	3,188
Catalyst	613	20	633	1,053	140	271	1,464
Asphalt and Road Oil	1,256	674	1,930	3,547	1,294	484	5,325
Still Gas	1,117	62	1,179	2,377	553	858	3,788
Miscellaneous Products	48	42	90	241	57	53	351
Total	98,597	8,943	107,540	80,272	17,791	28,068	126,131
Processing Gain(-) or Loss(+) ¹	-1,614	31	-1,583	-4,192	-979	-1,112	-6,283

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	925	6,404	5,083	15	39	12,466	378	1,970	19,023
Ethane/Ethylene	—	370	—	—	—	370	—	—	379
Ethane	—	232	—	—	—	232	—	—	232
Ethylene	—	138	—	—	—	138	—	—	147
Propane/Propylene	663	5,871	4,686	27	46	11,293	297	1,475	17,254
Propane	283	2,677	1,518	27	46	4,551	273	1,230	8,816
Propylene	380	3,194	3,168	—	—	6,742	24	245	8,438
Normal Butane/Butylene	229	630	222	-12	-7	1,062	83	451	1,738
Normal Butane	228	982	51	-12	-3	1,246	58	430	1,743
Butylene	1	-352	171	—	-4	-184	25	21	-5
Isobutane/Isobutylene	33	-467	175	—	—	-259	-2	44	-348
Isobutane	33	-453	175	—	—	-245	-2	44	-334
Isobutylene	—	-14	—	—	—	-14	—	—	-14
Finished Motor Gasoline	20,628	21,189	10,395	6,687	2,012	60,911	9,556	47,694	273,596
Reformulated	6,236	5,855	—	—	—	12,091	—	31,555	90,477
Reformulated Blended with Fuel Ethanol	6,236	5,855	—	—	—	12,091	—	31,555	90,477
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	14,392	15,334	10,395	6,687	2,012	48,820	9,556	16,139	183,119
Conventional Blended with Fuel Ethanol	11,005	1,690	4,250	9,059	1,530	27,534	7,315	13,025	161,895
Ed55 and Lower	10,999	1,690	4,250	9,054	1,530	27,523	7,307	13,022	161,787
Greater than Ed55	6	—	—	5	—	11	8	3	108
Conventional Other	3,387	13,644	6,145	-2,372	482	21,286	2,241	3,114	21,224
Finished Aviation Gasoline	94	89	78	—	—	261	10	48	454
Kerosene-Type Jet Fuel	1,268	11,363	10,381	133	—	23,145	778	13,610	46,324
Kerosene	-30	—	16	-1	—	-15	—	9	96
Distillate Fuel Oil	6,160	39,109	32,004	2,558	1,556	81,387	6,042	17,880	146,675
15 ppm sulfur and under	5,638	37,231	25,113	2,416	1,526	71,924	5,963	16,799	132,958
Greater than 15 ppm to 500 ppm sulfur	519	665	2,412	65	—	3,661	98	276	4,275
Greater than 500 ppm sulfur	3	1,213	4,479	77	30	5,802	-19	805	9,442
Residual Fuel Oil	179	2,396	2,865	-98	177	5,519	337	3,555	12,847
Less than 0.31 percent sulfur	77	-67	679	—	—	689	199	-48	1,478
0.31 to 1.00 percent sulfur	83	306	120	-49	16	476	35	918	1,917
Greater than 1.00 percent sulfur	19	2,157	2,066	-49	161	4,354	103	2,685	9,452
Petrochemical Feedstocks	125	5,404	3,641	1	—	9,171	—	5	10,371
Naphtha for Petro. Feed. Use	122	4,122	2,126	1	—	6,371	—	5	7,193
Other Oils for Petro. Feed. Use	3	1,282	1,515	—	—	2,800	—	—	3,178
Special Naphthas	208	565	—	191	—	964	—	12	979
Lubricants	33	1,944	1,313	820	—	4,110	—	644	5,445
Waxes	—	132	51	13	—	196	—	—	242
Petroleum Coke	480	8,781	6,042	145	47	15,495	691	4,655	26,440
Marketable	242	6,710	4,694	132	—	11,778	468	3,608	19,356
Catalyst	238	2,071	1,348	13	47	3,717	223	1,047	7,084
Asphalt and Road Oil	281	445	722	963	119	2,530	918	616	11,319
Still Gas	775	6,439	4,429	244	189	12,076	678	4,033	21,754
Miscellaneous Products	88	881	593	22	10	1,594	116	385	2,536
Total	31,214	105,141	77,613	11,693	4,149	229,810	19,504	95,116	578,101
Processing Gain(-) or Loss(+) ¹	-1,260	-10,908	-8,477	-47	-93	-20,785	-653	-5,409	-34,713

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	29,611	2,906	32,517	67,983	12,033	22,460	102,476
Natural Gas Plant Liquids	485	—	485	1,969	56	687	2,712
Pentanes Plus	—	—	—	777	—	265	1,042
Liquefied Petroleum Gases	485	—	485	1,192	56	422	1,670
Normal Butane	210	—	210	133	—	24	157
Isobutane	275	—	275	1,059	56	398	1,513
Other Liquids	-11,819	22	-11,797	-28,892	-2,780	-2,297	-33,969
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	161	129	290	753	242	212	1,207
Hydrogen	113	21	134	488	59	138	685
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	48	108	156	216	183	74	473
Fuel Ethanol	48	85	133	123	160	71	354
Renewable Diesel Fuel	—	23	23	93	23	3	119
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	49	—	—	49
Unfinished Oils (net)	2,944	-59	2,885	-1,228	-329	-2	-1,559
Naphthas and Lighter	469	-25	444	315	-6	71	380
Kerosene and Light Gas Oils	-148	—	-148	-1,099	-79	-27	-1,205
Heavy Gas Oils	927	-32	895	149	-243	307	213
Residuum	1,696	-2	1,694	-593	-1	-353	-947
Motor Gasoline Blend.Comp. (MGBC)(net)	-14,924	-48	-14,972	-28,417	-2,693	-2,507	-33,617
Reformulated - RBOB	-9,878	—	-9,878	-7,904	-351	—	-8,255
Conventional	-5,046	-48	-5,094	-20,513	-2,342	-2,507	-25,362
CBOB	-4,270	-67	-4,337	-19,669	-2,711	-2,295	-24,675
GTAB	—	—	—	—	—	—	—
Other	-776	19	-757	-844	369	-212	-687
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input to Refineries	18,277	2,928	21,205	41,060	9,309	20,850	71,219
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,032	97	1,130	2,266	403	751	3,420
Operable Capacity (daily average)	1,198	99	1,297	2,454	455	860	3,769
Operable Utilization Rate (percent) ²	86.2	98.4	87.1	92.4	88.8	87.3	90.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	153	14	167	399	57	158	615
Catalytic Cracking	400	17	417	696	108	192	996
Catalytic Hydrocracking	36	—	36	168	27	63	258
Delayed and Fluid Coking	48	—	48	274	31	67	373
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.57	1.74	0.68	1.67	1.69	0.85	1.49
API Gravity, Weighted Average (degrees)	35.28	31.60	34.93	32.74	30.69	37.28	33.49
Operable Capacity (daily average)	1,198	99	1,297	2,454	455	860	3,769
Operating	1,170	99	1,269	2,432	455	848	3,735
Idle	28	—	28	22	—	12	34
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,774	120,785	92,040	6,544	3,793	242,936	17,601	73,295	468,825
Natural Gas Plant Liquids	495	4,682	4,577	121	125	10,000	418	1,782	15,397
Pentanes Plus	198	1,669	1,633	54	—	3,554	125	552	5,273
Liquefied Petroleum Gases	297	3,013	2,944	67	125	6,446	293	1,230	10,124
Normal Butane	146	1,291	1,207	—	—	2,644	140	556	3,707
Isobutane	151	1,722	1,737	67	125	3,802	153	674	6,417
Other Liquids	-5,128	-39,568	-30,067	-1,405	-351	-76,519	-1,406	-25,346	-149,037
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	227	2,266	1,621	196	78	4,388	482	1,719	8,086
Hydrogen	24	2,121	1,472	159	40	3,816	189	1,402	6,226
Oxygenates (excluding Fuel Ethanol)	—	74	—	—	—	74	—	—	74
Methyl Tertiary Butyl Ether (MTBE)	—	74	—	—	—	74	—	—	74
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	203	71	149	37	38	498	293	317	1,737
Fuel Ethanol	152	50	133	26	38	399	271	145	1,302
Renewable Diesel Fuel	51	21	16	9	—	97	22	172	433
Other Renewable Fuels	—	—	—	2	—	2	—	—	2
Other Hydrocarbons	—	—	—	—	—	—	—	—	49
Unfinished Oils (net)	-343	4,650	9,925	35	0	14,267	-381	1,652	16,864
Naphthas and Lighter	17	-2,646	536	10	-2	-2,085	11	-442	-1,692
Kerosene and Light Gas Oils	-44	-1,624	-649	21	-8	-2,304	-214	-367	-4,238
Heavy Gas Oils	-180	6,865	6,953	63	10	13,711	69	1,962	16,850
Residuum	-136	2,055	3,085	-59	—	4,945	-247	499	5,944
Motor Gasoline Blend.Comp. (MGBBC)(net)	-5,018	-46,484	-41,619	-1,636	-429	-95,186	-1,507	-28,717	-173,999
Reformulated - RBOB	-606	-14,342	-4,258	—	-425	-19,631	—	-25,501	-63,265
Conventional	-4,412	-32,142	-37,361	-1,636	-4	-75,555	-1,507	-3,216	-110,734
CBOB	-3,791	-26,858	-35,195	-723	-16	-66,583	-1,530	-3,662	-100,787
GTAB	—	—	—	—	—	—	—	—	—
Other	-621	-5,284	-2,166	-913	12	-8,972	23	446	-9,947
Aviation Gasoline Blend. Comp. (net)	6	—	6	—	—	12	—	—	12
Total Input to Refineries	15,141	85,899	66,550	5,260	3,567	176,417	16,613	49,731	335,185
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	660	4,148	3,252	194	126	8,380	589	2,643	16,162
Operable Capacity (daily average)	670	4,449	3,605	243	127	9,093	630	3,029	17,818
Operable Utilization Rate (percent) ²	98.5	93.2	90.2	79.7	99.9	92.2	93.5	87.3	90.7
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	143	593	560	31	26	1,354	100	374	2,609
Catalytic Cracking	180	1,389	1,106	19	35	2,728	164	699	5,005
Catalytic Hydrocracking	55	484	387	21	—	948	21	468	1,731
Delayed and Fluid Coking	30	771	541	26	—	1,369	64	491	2,345
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.72	1.68	1.40	1.75	0.97	1.48	1.43	1.38	1.42
API Gravity, Weighted Average (degrees)	36.04	28.32	30.04	29.01	36.25	29.78	34.02	28.12	30.81
Operable Capacity (daily average)	670	4,449	3,605	243	127	9,093	630	3,029	17,818
Operating	670	4,449	3,605	243	127	9,093	630	2,896	17,623
Idle	—	—	—	—	—	—	—	133	195
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	14,666	14,666

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	719	28	747	2,872	146	444	3,462
Ethane/Ethylene	9	—	9	—	—	—	—
Ethane	—	—	—	—	—	—	—
Ethylene	9	—	9	—	—	—	—
Propane/Propylene	1,050	28	1,078	2,342	225	544	3,111
Propane	619	28	647	1,541	179	395	2,115
Propylene	431	—	431	801	46	149	996
Normal Butane/Butylene	-349	16	-333	581	-71	-35	475
Normal Butane	-384	19	-365	480	-71	-35	374
Butylene	35	-3	32	101	—	—	101
Isobutane/Isobutylene	9	-16	-7	-51	-8	-65	-124
Isobutane	9	-16	-7	-51	-8	-65	-124
Isobutylene	—	—	—	—	—	—	—
Finished Motor Gasoline	701	1,065	1,766	8,325	3,471	9,294	21,090
Reformulated	477	—	477	—	—	—	—
Reformulated Blended with Fuel Ethanol	477	—	477	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	224	1,065	1,289	8,325	3,471	9,294	21,090
Conventional Blended with Fuel Ethanol	—	869	869	1,258	1,662	752	3,672
Ed55 and Lower	—	869	869	1,257	1,662	752	3,671
Greater than Ed55	—	—	—	1	—	—	1
Conventional Other	224	196	420	7,067	1,809	8,542	17,418
Finished Aviation Gasoline	—	—	—	—	135	—	135
Kerosene-Type Jet Fuel	2,423	—	2,423	5,078	802	811	6,691
Commercial	2,423	—	2,423	4,963	756	576	6,295
Military	—	—	—	115	46	235	396
Kerosene	85	—	85	9	—	11	20
Distillate Fuel Oil	10,192	766	10,958	17,455	3,187	8,734	29,376
15 ppm sulfur and under	7,296	669	7,965	17,273	3,339	8,743	29,355
Greater than 15 ppm to 500 ppm sulfur	19	74	93	5	-37	-4	-36
Greater than 500 ppm sulfur	2,877	23	2,900	177	-115	-5	57
Residual Fuel Oil	2,011	8	2,019	1,027	217	101	1,345
Less than 0.31 percent sulfur	627	8	635	—	—	—	—
0.31 to 1.00 percent sulfur	671	—	671	92	49	—	141
Greater than 1.00 percent sulfur	713	—	713	935	168	101	1,204
Petrochemical Feedstocks	160	—	160	982	-24	77	1,035
Naphtha for Petro. Feed. Use	160	—	160	650	-24	31	657
Other Oils for Petro. Feed. Use	—	—	—	332	—	46	378
Special Naphthas	—	23	23	-30	—	10	-20
Lubricants	254	200	454	—	—	237	237
Naphthenic	—	—	—	—	—	—	—
Paraffinic	254	200	454	—	—	237	237
Waxes	—	10	10	—	—	36	36
Petroleum Coke	927	20	947	3,390	454	808	4,652
Marketable	314	—	314	2,337	314	537	3,188
Catalyst	613	20	633	1,053	140	271	1,464
Asphalt and Road Oil	1,256	674	1,930	3,528	1,291	483	5,302
Still Gas	1,117	62	1,179	2,377	553	858	3,788
Miscellaneous Products	48	42	90	241	57	53	351
Fuel Use	—	—	—	—	—	—	—
Nonfuel Use	48	42	90	241	57	53	351
Total	19,893	2,898	22,791	45,254	10,289	21,957	77,500
Processing Gain(-) or Loss(+) ¹	-1,616	30	-1,586	-4,194	-980	-1,107	-6,281

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	925	6,404	5,083	15	39	12,466	378	1,970	19,023
Ethane/Ethylene	—	370	—	—	—	370	—	—	379
Ethane	—	232	—	—	—	232	—	—	232
Ethylene	—	138	—	—	—	138	—	—	147
Propane/Propylene	663	5,871	4,686	27	46	11,293	297	1,475	17,254
Propane	283	2,677	1,518	27	46	4,551	273	1,230	8,816
Propylene	380	3,194	3,168	—	—	6,742	24	245	8,438
Normal Butane/Butylene	229	630	222	-12	-7	1,062	83	451	1,738
Normal Butane	228	982	51	-12	-3	1,246	58	430	1,743
Butylene	1	-352	171	—	-4	-184	25	21	-5
Isobutane/Isobutylene	33	-467	175	—	—	-259	-2	44	-348
Isobutane	33	-453	175	—	—	-245	-2	44	-334
Isobutylene	—	-14	—	—	—	-14	—	—	-14
Finished Motor Gasoline	5,859	13,111	7,807	321	1,544	28,642	7,325	8,238	67,061
Reformulated	—	—	—	—	—	—	—	1,059	1,536
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	1,059	1,536
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	5,859	13,111	7,807	321	1,544	28,642	7,325	7,179	65,525
Conventional Blended with Fuel Ethanol	1,496	499	1,279	249	378	3,901	2,730	358	11,530
Ed55 and Lower	1,490	499	1,279	249	378	3,895	2,730	358	11,523
Greater than Ed55	6	—	—	—	—	6	—	—	7
Conventional Other	4,363	12,612	6,528	72	1,166	24,741	4,595	6,821	53,995
Finished Aviation Gasoline	94	89	78	—	—	261	10	48	454
Kerosene-Type Jet Fuel	1,268	11,370	10,381	133	—	23,152	778	13,620	46,664
Commercial	913	10,133	10,094	109	—	21,249	726	13,057	43,750
Military	355	1,237	287	24	—	1,903	52	563	2,914
Kerosene	-30	—	16	-1	—	-15	—	-1	89
Distillate Fuel Oil	6,116	38,850	32,004	2,539	1,536	81,045	6,033	17,355	144,767
15 ppm sulfur and under	5,594	37,005	25,113	2,397	1,506	71,615	5,954	16,292	131,181
Greater than 15 ppm to 500 ppm sulfur	519	665	2,412	65	—	3,661	98	259	4,075
Greater than 500 ppm sulfur	3	1,180	4,479	77	30	5,769	-19	804	9,511
Residual Fuel Oil	179	2,386	2,865	-98	177	5,509	337	3,555	12,765
Less than 0.31 percent sulfur	77	—	679	—	—	756	199	-48	1,542
0.31 to 1.00 percent sulfur	83	282	105	-49	16	437	35	918	2,202
Greater than 1.00 percent sulfur	19	2,104	2,081	-49	161	4,316	103	2,685	9,021
Petrochemical Feedstocks	125	5,404	3,641	1	—	9,171	—	5	10,371
Naphtha for Petro. Feed. Use	122	4,122	2,126	1	—	6,371	—	5	7,193
Other Oils for Petro. Feed. Use	3	1,282	1,515	—	—	2,800	—	—	3,178
Special Naphthas	208	565	—	191	—	964	—	12	979
Lubricants	33	1,944	1,313	820	—	4,110	—	644	5,445
Naphthenic	33	52	—	715	—	800	—	118	918
Paraffinic	—	1,892	1,313	105	—	3,310	—	526	4,527
Waxes	—	132	51	13	—	196	—	—	242
Petroleum Coke	480	8,781	6,042	145	47	15,495	691	4,655	26,440
Marketable	242	6,710	4,694	132	—	11,778	468	3,608	19,356
Catalyst	238	2,071	1,348	13	47	3,717	223	1,047	7,084
Asphalt and Road Oil	281	450	722	963	119	2,535	918	616	11,301
Still Gas	775	6,439	4,429	244	189	12,076	678	4,033	21,754
Miscellaneous Products	88	881	593	22	10	1,594	116	385	2,536
Fuel Use	—	—	—	—	—	—	14	—	14
Nonfuel Use	88	881	593	22	10	1,594	102	385	2,522
Total	16,401	96,806	75,025	5,308	3,661	197,201	17,264	55,135	369,891
Processing Gain(-) or Loss(+) ¹	-1,260	-10,907	-8,475	-48	-94	-20,784	-651	-5,404	-34,706

— = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, September 2013
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	308	5	313	45	44	345	434
Pentanes Plus	—	—	—	—	2	75	77
Liquefied Petroleum Gases	308	5	313	45	42	270	357
Normal Butane	308	5	313	45	42	270	357
Isobutane	—	—	—	—	—	—	—
Other Liquids	78,398	6,041	84,439	34,975	7,459	5,761	48,195
Oxygenates/Renewables	8,942	717	9,659	4,619	986	1,315	6,920
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,942	717	9,659	4,619	986	1,315	6,920
Fuel Ethanol	8,572	668	9,240	4,377	938	1,217	6,532
Renewable Diesel Fuel	370	49	419	242	48	98	388
Other Renewable Fuels	—	—	—	—	—	—	—
Unfinished Oils (net)	29	-1	28	-42	—	—	-42
Naphthas and Lighter	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	29	-1	28	-61	—	—	-61
Heavy Gas Oils	—	—	—	—	—	—	—
Residium	—	—	—	19	—	—	19
Motor Gasoline Blend.Comp. (MGBC)(net)	69,427	5,325	74,752	30,398	6,473	4,446	41,317
Reformulated - RBOB	25,113	445	25,558	7,334	1,297	816	9,447
Conventional	44,314	4,880	49,194	23,064	5,176	3,630	31,870
CBOB	39,136	4,878	44,014	22,061	5,092	3,396	30,549
GTAB	1,155	—	1,155	—	—	—	—
Other	4,023	2	4,025	1,003	84	234	1,321
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	78,706	6,046	84,752	35,020	7,503	6,106	48,629

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	20	607	—	15	—	642	8	—	1,397
Pentanes Plus	3	310	—	—	—	313	3	—	393
Liquefied Petroleum Gases	17	297	—	15	—	329	5	—	1,004
Normal Butane	17	297	—	15	—	329	5	—	1,004
Isobutane	—	—	—	—	—	—	—	—	—
Other Liquids	14,793	7,727	2,586	6,371	489	31,966	2,230	39,976	206,806
Oxygenates/Renewables	1,599	962	293	904	136	3,894	474	4,848	25,795
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,599	962	293	904	136	3,894	474	4,848	25,795
Fuel Ethanol	1,554	705	293	885	115	3,552	464	4,328	24,116
Renewable Diesel Fuel	45	257	—	19	21	342	10	520	1,679
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Unfinished Oils (net)	—	—	—	—	—	—	—	—	-14
Naphthas and Lighter	—	—	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	—	—	—	—	—	—	—	—	-33
Heavy Gas Oils	—	—	—	—	—	—	—	—	—
Residium	—	—	—	—	—	—	—	—	19
Motor Gasoline Blend.Comp. (MGBC)(net)	13,194	6,765	2,293	5,467	353	28,072	1,756	35,128	181,025
Reformulated - RBOB	5,633	3,243	—	—	—	8,876	—	27,832	71,713
Conventional	7,561	3,522	2,293	5,467	353	19,196	1,756	7,296	109,312
CBOB	7,561	-88	2,293	5,441	353	15,560	1,210	7,157	98,490
GTAB	—	—	—	—	—	—	—	—	1,155
Other	—	3,610	—	26	—	3,636	546	139	9,667
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	14,813	8,334	2,586	6,386	489	32,608	2,238	39,976	208,203

- = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, September 2013
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	78,311	5,997	84,308	34,802	7,457	6,012	48,271
Reformulated	35,296	495	35,791	8,214	1,443	906	10,563
Reformulated Blended with Fuel Ethanol	35,296	495	35,791	8,214	1,443	906	10,563
Reformulated Other	-	-	-	-	-	-	-
Conventional	43,015	5,502	48,517	26,588	6,014	5,106	37,708
Conventional Blended with Fuel Ethanol	49,300	6,201	55,501	35,343	7,687	10,949	53,979
Ed55 and Lower	49,294	6,201	55,495	35,334	7,656	10,910	53,900
Greater than Ed55	6	-	6	9	31	39	79
Conventional Other	-6,285	-699	-6,984	-8,755	-1,673	-5,843	-16,271
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-7	-	-7	-312	-3	-1	-316
Kerosene	-3	-	-3	-	-	-	-
Distillate Fuel Oil	331	48	379	509	45	99	653
15 ppm sulfur and under	289	48	337	471	45	99	615
Greater than 15 ppm to 500 ppm sulfur	8	88	96	38	-	49	87
Greater than 500 ppm sulfur	34	-88	-54	-	-	-49	-49
Residual Fuel Oil	72	-	72	-	-	-	-
Less than 0.31 percent sulfur	3	-	3	-	-	-	-
0.31 to 1.00 percent sulfur	-324	-	-324	-	-	-	-
Greater than 1.00 percent sulfur	393	-	393	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	19	3	1	23
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	78,704	6,045	84,749	35,018	7,502	6,111	48,631
Processing Gain(-) or Loss(+) ¹	2	1	3	2	1	-5	-2

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	14,769	8,078	2,588	6,366	468	32,269	2,231	39,456	206,535
Reformulated	6,236	5,855	-	-	-	12,091	-	30,496	88,941
Reformulated Blended with Fuel Ethanol	6,236	5,855	-	-	-	12,091	-	30,496	88,941
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	8,533	2,223	2,588	6,366	468	20,178	2,231	8,960	117,594
Conventional Blended with Fuel Ethanol	9,509	1,191	2,971	8,810	1,152	23,633	4,585	12,667	150,365
Ed55 and Lower	9,509	1,191	2,971	8,805	1,152	23,628	4,577	12,664	150,264
Greater than Ed55	-	-	-	5	-	5	8	3	101
Conventional Other	-976	1,032	-383	-2,444	-684	-3,455	-2,354	-3,707	-32,771
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-	-7	-	-	-	-7	-	-10	-340
Kerosene	-	-	-	-	-	-	-	10	7
Distillate Fuel Oil	44	259	0	19	20	342	9	525	1,908
15 ppm sulfur and under	44	226	-	19	20	309	9	507	1,777
Greater than 15 ppm to 500 ppm sulfur	-	-	0	-	-	0	-	17	200
Greater than 500 ppm sulfur	-	33	-	-	-	33	-	1	-69
Residual Fuel Oil	-	10	0	-	-	10	-	-	82
Less than 0.31 percent sulfur	-	-67	-	-	-	-67	-	-	-64
0.31 to 1.00 percent sulfur	-	24	15	-	-	39	-	-	-285
Greater than 1.00 percent sulfur	-	53	-15	-	-	38	-	-	431
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-5	-	-	-	-5	-	-	18
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	14,813	8,335	2,588	6,385	488	32,609	2,240	39,981	208,210
Processing Gain(-) or Loss(+) ¹	0	-1	-2	1	1	-1	-2	-5	-7

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	7,701	438	8,139	9,500	1,435	1,985	12,920
Petroleum Products	14,683	1,697	16,380	31,875	7,020	10,626	49,521
Pentanes Plus	—	—	—	120	—	295	415
Liquefied Petroleum Gases	771	66	837	4,084	535	1,142	5,761
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	208	3	211	1,307	20	695	2,022
Normal Butane/Butylene	389	57	446	2,557	472	294	3,323
Isobutane/Isobutylene	174	6	180	220	43	153	416
Oxygenates/Renewable Fuels/Other Hydrocarbons	40	85	125	128	53	26	207
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	40	85	125	107	53	26	186
Fuel Ethanol	40	80	120	32	42	22	96
Renewable Diesel Fuel	—	5	5	75	11	4	90
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	21	—	—	21
Unfinished Oils	3,150	381	3,531	8,136	910	3,334	12,380
Naphthas and Lighter	699	231	930	1,873	142	914	2,929
Kerosene and Light Gas Oils	441	—	441	1,977	242	233	2,452
Heavy Gas Oils	1,351	140	1,491	2,655	518	1,485	4,658
Residuum	659	10	669	1,631	8	702	2,341
Motor Gasoline Blending Components (MGBC)	5,344	275	5,619	8,150	1,394	1,622	11,166
Reformulated - RBOB	1,550	—	1,550	1,499	63	—	1,562
Conventional	3,794	275	4,069	6,651	1,331	1,622	9,604
CBOB	632	196	828	2,784	622	566	3,972
GTAB	—	—	—	—	—	—	—
Other	3,162	79	3,241	3,867	709	1,056	5,632
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	33	40	73	1,069	423	1,197	2,689
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	33	40	73	1,069	423	1,197	2,689
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	33	40	73	1,069	423	1,197	2,689
Finished Aviation Gasoline	—	—	—	—	101	—	101
Kerosene-Type Jet Fuel	453	—	453	1,357	234	238	1,829
Kerosene	132	1	133	117	—	19	136
Distillate Fuel Oil	2,898	209	3,107	4,117	1,089	1,707	6,913
15 ppm sulfur and under	1,601	90	1,691	3,844	863	1,473	6,180
Greater than 15 ppm to 500 ppm sulfur	155	89	244	9	149	26	184
Greater than 500 ppm sulfur	1,142	30	1,172	264	77	208	549
Residual Fuel Oil	667	10	677	794	200	56	1,050
Less than 0.31 percent sulfur	114	8	122	—	—	—	—
0.31 to 1.00 percent sulfur	387	2	389	133	19	—	152
Greater than 1.00 percent sulfur	166	—	166	661	181	56	898
Petrochemical Feedstocks	130	—	130	544	113	11	668
Naphtha for Petro. Feed. Use	130	—	130	421	113	11	545
Other Oils for Petro. Feed. Use	—	—	—	123	—	—	123
Special Naphthas	—	14	14	109	—	13	122
Lubricants	371	159	530	—	—	271	271
Waxes	—	224	224	—	—	43	43
Petroleum Coke	—	—	—	559	639	155	1,353
Marketable	—	—	—	559	639	155	1,353
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	686	215	901	2,517	1,316	492	4,325
Miscellaneous Products	8	18	26	74	13	5	92
Total Stocks, All Oils	22,384	2,135	24,519	41,375	8,455	12,611	62,441

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2013
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,538	22,755	18,603	1,294	341	44,531	2,484	22,704	90,778
Petroleum Products	10,693	58,108	49,591	4,427	1,206	124,025	10,286	51,773	251,985
Pentanes Plus	61	25	316	—	—	402	35	4	856
Liquefied Petroleum Gases	2,848	854	5,561	9	89	9,361	396	2,328	18,683
Ethane/Ethylene	171	—	—	—	—	171	—	—	171
Propane/Propylene	1,282	79	315	2	4	1,682	39	150	4,104
Normal Butane/Butylene	1,125	556	4,698	3	67	6,449	252	1,677	12,147
Isobutane/Isobutylene	270	219	548	4	18	1,059	105	501	2,261
Oxygenates/Renewable Fuels/Other Hydrocarbons	41	124	84	30	5	284	95	210	921
Oxygenates (excluding Fuel Ethanol)	—	78	—	—	—	78	—	—	78
Methyl Tertiary Butyl Ether (MTBE)	—	78	—	—	—	78	—	—	78
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	41	46	84	30	5	206	95	210	822
Fuel Ethanol	35	27	48	17	5	132	90	44	482
Renewable Diesel Fuel	6	19	36	12	—	73	5	166	339
Other Renewable Fuels	—	—	—	1	—	1	—	—	1
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils	2,938	21,926	14,241	922	409	40,436	2,996	19,147	78,490
Naphthas and Lighter	1,449	5,473	2,648	154	195	9,919	881	4,043	18,702
Kerosene and Light Gas Oils	365	4,377	3,135	161	88	8,126	392	3,026	14,437
Heavy Gas Oils	436	9,148	6,171	572	126	16,453	1,393	9,114	33,109
Residuum	688	2,928	2,287	35	—	5,938	330	2,964	12,242
Motor Gasoline Blending Components (MGBC)	1,787	12,539	12,226	292	283	27,127	1,800	12,775	58,487
Reformulated - RBOB	148	1,187	699	—	—	2,034	—	5,213	10,359
Conventional	1,639	11,352	11,527	292	283	25,093	1,800	7,562	48,128
CBOB	376	3,527	5,625	118	106	9,752	275	962	15,789
GTAB	—	—	—	—	—	—	—	—	—
Other	1,263	7,825	5,902	174	177	15,341	1,525	6,600	32,339
Aviation Gasoline Blending Components	3	—	—	—	—	3	—	—	3
Finished Motor Gasoline	931	1,396	1,298	175	24	3,824	1,758	1,801	10,145
Reformulated	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	16	16
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	931	1,396	1,298	175	24	3,824	1,758	1,785	10,129
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	38	—	38
Ed55 and Lower	—	—	—	—	—	—	38	—	38
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	931	1,396	1,298	175	24	3,824	1,720	1,785	10,091
Finished Aviation Gasoline	54	200	190	—	—	444	19	116	680
Kerosene-Type Jet Fuel	434	2,817	2,273	235	—	5,759	304	3,648	11,993
Kerosene	6	—	21	4	—	31	—	7	307
Distillate Fuel Oil	812	6,853	5,881	626	172	14,344	1,714	5,482	31,560
15 ppm sulfur and under	717	5,574	4,004	447	116	10,858	1,475	4,199	24,403
Greater than 15 ppm to 500 ppm sulfur	86	11	1,109	44	—	1,250	86	299	2,063
Greater than 500 ppm sulfur	9	1,268	768	135	56	2,236	153	984	5,094
Residual Fuel Oil	61	2,660	1,420	81	76	4,298	196	3,370	9,591
Less than 0.31 percent sulfur	7	7	148	—	—	162	20	181	485
0.31 to 1.00 percent sulfur	3	176	45	42	6	272	11	904	1,728
Greater than 1.00 percent sulfur	51	2,477	1,227	39	70	3,864	165	2,285	7,378
Petrochemical Feedstocks	98	1,466	1,480	21	—	3,065	—	2	3,865
Naphtha for Petro. Feed. Use	33	916	580	21	—	1,550	—	2	2,227
Other Oils for Petro. Feed. Use	65	550	900	—	—	1,515	—	—	1,638
Special Naphthas	46	690	—	73	—	809	—	26	971
Lubricants	41	2,207	1,581	909	—	4,738	—	881	6,420
Waxes	—	146	148	210	—	504	—	—	771
Petroleum Coke	14	3,721	1,839	—	—	5,574	50	1,292	8,269
Marketable	14	3,721	1,839	—	—	5,574	50	1,292	8,269
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	486	356	843	839	147	2,671	912	602	9,411
Miscellaneous Products	32	128	189	1	1	351	11	82	562
Total Stocks, All Oils	12,231	80,863	68,194	5,721	1,547	168,556	12,770	74,477	342,763

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, September 2013

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	2.2	1.0	2.1	4.3	1.3	2.0	3.4
Finished Motor Gasoline ¹	46.0	35.4	45.2	51.1	50.3	48.6	50.4
Finished Aviation Gasoline ²	—	—	—	—	1.2	—	0.1
Kerosene-Type Jet Fuel	7.4	—	6.8	7.6	6.9	3.6	6.6
Kerosene	0.3	—	0.2	0.0	—	0.1	0.0
Distillate Fuel Oil	31.3	26.1	30.9	26.0	27.0	38.9	29.0
Residual Fuel Oil	6.2	0.3	5.7	1.5	1.9	0.5	1.3
Naphtha for Petro. Feed. Use	0.5	—	0.5	1.0	0.0	0.1	0.7
Other Oils for Petro. Feed. Use	—	—	—	0.5	—	0.2	0.4
Special Naphthas	—	0.8	0.1	0.0	—	0.0	0.0
Lubricants	0.8	7.0	1.3	—	—	1.1	0.2
Waxes	—	0.4	0.0	—	—	0.2	0.0
Petroleum Coke	2.9	0.7	2.7	5.1	3.9	3.6	4.6
Asphalt and Road Oil	3.9	23.7	5.5	5.3	11.0	2.2	5.3
Still Gas	3.4	2.2	3.3	3.6	4.7	3.8	3.8
Miscellaneous Products	0.2	1.5	0.3	0.4	0.5	0.2	0.4
Processing Gain(-) or Loss(+) ³	-5.0	1.1	-4.5	-6.3	-8.4	-5.0	-6.2

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	4.8	5.1	5.0	0.2	1.0	4.9	2.2	2.6	3.9
Finished Motor Gasoline ¹	52.5	42.0	42.4	25.1	46.7	42.6	46.2	44.9	44.9
Finished Aviation Gasoline ²	0.5	0.1	0.1	—	—	0.1	0.1	0.1	0.1
Kerosene-Type Jet Fuel	6.5	9.1	10.2	2.0	—	9.0	4.5	18.2	9.6
Kerosene	-0.2	—	0.0	0.0	—	0.0	—	0.0	0.0
Distillate Fuel Oil	31.2	31.0	31.4	38.5	40.5	31.5	34.9	22.9	29.7
Residual Fuel Oil	0.9	1.9	2.8	-1.5	4.7	2.1	2.0	4.7	2.6
Naphtha for Petro. Feed. Use	0.6	3.3	2.1	0.0	—	2.5	—	0.0	1.5
Other Oils for Petro. Feed. Use	0.0	1.0	1.5	—	—	1.1	—	—	0.7
Special Naphthas	1.1	0.5	—	2.9	—	0.4	—	0.0	0.2
Lubricants	0.2	1.6	1.3	12.5	—	1.6	—	0.9	1.1
Waxes	—	0.1	0.1	0.2	—	0.1	—	—	0.1
Petroleum Coke	2.5	7.0	5.9	2.2	1.2	6.0	4.0	6.2	5.4
Asphalt and Road Oil	1.5	0.4	0.7	14.6	3.1	1.0	5.3	0.8	2.3
Still Gas	4.0	5.1	4.3	3.7	5.0	4.7	3.9	5.4	4.5
Miscellaneous Products	0.5	0.7	0.6	0.0	0.0	0.6	0.7	0.5	0.5
Processing Gain(-) or Loss(+) ³	-6.5	-8.7	-8.3	-0.7	-2.5	-8.1	-3.8	-7.2	-7.2

— = No Data Reported.

¹ Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

² Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

³ Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns of unfinished oils

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, September 2013
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	328	1,807	2,135
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	318	386	704
Georgia	—	—	298	298
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	—	1,008	1,008
New York	—	7	1	8
North Carolina	—	—	—	—
Pennsylvania	—	—	—	—
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	3	1	4
Virginia	—	—	113	113
West Virginia	—	—	—	—
PAD District 2	3	117	127	247
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	16	59	75
Minnesota	3	88	68	159
North Dakota	—	13	—	13
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	231	1,131	1,670	3,032
Alabama	—	—	—	—
Louisiana	—	84	364	448
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	231	1,047	1,306	2,584
PAD District 4	—	1	28	29
Idaho	—	1	—	1
Montana	—	—	28	28
PAD District 5	—	440	997	1,437
Alaska	—	—	—	—
California	—	89	934	1,023
Hawaii	—	334	—	334
Oregon	—	—	—	—
Washington	—	17	63	80
U.S. Total	234	2,017	4,629	6,880

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, September 2013
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	27,065	53,704	112,606	7,690	36,279	237,344	7,911
Natural Gas Plant Liquids and Liquefied Refinery Gases	945	1,887	800	254	134	4,020	134
Pentanes Plus	—	6	766	—	—	772	26
Liquefied Petroleum Gases	945	1,881	34	254	134	3,248	108
Ethane	—	—	—	—	—	—	—
Ethylene	—	9	—	—	—	9	0
Propane	514	1,041	—	196	124	1,875	63
Propylene	299	429	—	—	—	728	24
Normal Butane	80	57	—	47	10	194	6
Butylene	—	105	34	—	—	139	5
Isobutane	52	240	—	11	—	303	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	16,653	371	19,884	10	3,200	40,118	1,337
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	759	151	767	—	582	2,259	75
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	758	97	563	—	582	2,000	67
Fuel Ethanol	393	—	—	—	311	704	23
Biomass-Based Diesel Fuel	291	23	369	—	—	683	23
Other Renewable Diesel Fuel	74	74	194	—	271	613	20
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	1	54	204	—	—	259	9
Unfinished Oils ¹	1,960	61	18,732	—	2,142	22,895	763
Naphthas and Lighter	—	—	176	—	—	176	6
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	77	61	13,824	—	2,142	16,104	537
Residuum	1,883	—	4,732	—	—	6,615	221
Motor Gasoline Blend.Comp. (MGBC)	13,934	159	385	10	476	14,964	499
Reformulated - RBOB	5,639	—	—	—	—	5,639	188
Conventional	8,295	159	385	10	476	9,325	311
CBOB	1,270	—	—	—	254	1,524	51
GTAB	2,024	—	—	—	—	2,024	67
Other	5,001	159	385	10	222	5,777	193
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	8,336	1,010	5,366	58	3,128	17,898	597
Finished Motor Gasoline	1,109	9	—	—	87	1,205	40
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,109	9	—	—	87	1,205	40
Conventional Blended with Fuel Ethanol	2	3	—	—	—	5	0
Ed55 and Lower	2	3	—	—	—	5	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,107	6	—	—	87	1,200	40
Finished Aviation Gasoline	1	—	—	—	—	1	0
Kerosene-Type Jet Fuel	1,002	—	—	—	1,045	2,047	68
Bonded Aircraft Fuel	1	—	—	—	813	814	27
Other	1,001	—	—	—	232	1,233	41
Kerosene	313	—	—	—	—	313	10
Distillate Fuel Oil	2,883	115	641	8	314	3,961	132
15 ppm sulfur and under	2,159	113	—	8	252	2,532	84
Bonded	—	—	—	—	—	—	—
Other	2,159	113	—	8	252	2,532	84
Greater than 15 ppm to 500 ppm sulfur	26	—	—	—	3	29	1
Bonded	—	—	—	—	3	3	0
Other	26	—	—	—	—	26	1
Greater than 500 ppm to 2000 ppm sulfur	698	2	154	—	59	913	30
Bonded	—	—	—	—	—	—	—
Other	698	2	154	—	59	913	30
Greater than 2000 ppm	—	—	487	—	—	487	16
Bonded	—	—	—	—	—	—	—
Other	—	—	487	—	—	487	16
Residual Fuel Oil	2,135	247	3,032	29	1,437	6,880	229
Less than 0.31 percent sulfur	—	3	231	—	—	234	8
0.31 to 1.00 percent sulfur	328	117	1,131	1	440	2,017	67
Greater than 1.00 percent sulfur	1,807	127	1,670	28	997	4,629	154
Petrochemical Feedstocks	5	105	827	—	53	990	33
Naphtha for Petro. Feed. Use	1	64	791	—	53	909	30
Other Oils for Petro. Feed. Use	4	41	36	—	—	81	3
Special Naphthas	—	44	389	—	—	433	14
Lubricants	57	158	350	—	12	577	19
Waxes	41	10	36	1	21	109	4
Petroleum Coke (Marketable)	2	29	91	—	36	158	5
Asphalt and Road Oil	788	287	—	19	123	1,217	41
Miscellaneous Products	—	6	—	1	—	7	0
Total	52,999	56,972	138,656	8,012	42,741	299,380	9,979

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-September 2013
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	232,362	492,864	1,032,459	67,891	297,914	2,123,490	7,778
Natural Gas Plant Liquids and Liquefied Refinery Gases	10,808	21,926	10,625	3,052	1,401	47,812	175
Pentanes Plus	186	102	9,950	5	—	10,243	38
Liquefied Petroleum Gases	10,622	21,824	675	3,047	1,401	37,569	138
Ethane	—	—	—	—	—	—	—
Ethylene	—	92	—	—	—	92	0
Propane	7,840	13,471	—	2,679	1,240	25,230	92
Propylene	1,825	4,557	113	—	—	6,495	24
Normal Butane	225	904	—	230	146	1,505	6
Butylene	—	949	545	—	15	1,509	6
Isobutane	732	1,851	17	138	—	2,738	10
Isobutylene	—	—	—	—	—	—	—
Other Liquids	179,742	2,178	149,677	10	27,816	359,423	1,317
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	7,202	734	2,818	—	4,082	14,836	54
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	246	—	—	246	1
Methyl Tertiary Butyl Ether (MTBE)	—	—	246	—	—	246	1
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	7,093	169	2,051	—	4,082	13,395	49
Fuel Ethanol	4,845	—	61	—	2,109	7,015	26
Biomass-Based Diesel Fuel	1,655	87	1,403	—	99	3,244	12
Other Renewable Diesel Fuel	593	82	587	—	1,874	3,136	11
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	109	565	521	—	—	1,195	4
Unfinished Oils ¹	23,959	116	137,803	—	19,613	181,491	665
Naphthas and Lighter	197	—	2,289	—	180	2,666	10
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	9,147	61	81,078	—	19,433	109,719	402
Residuum	14,615	55	54,436	—	—	69,106	253
Motor Gasoline Blend.Comp. (MGBC)	148,581	1,328	9,056	10	4,121	163,096	597
Reformulated - RBOB	50,910	—	802	—	—	51,712	189
Conventional	97,671	1,328	8,254	10	4,121	111,384	408
CBOB	15,322	—	—	—	1,991	17,313	63
GTAB	23,950	—	52	—	—	24,002	88
Other	58,399	1,328	8,202	10	2,130	70,069	257
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	83,467	9,449	50,656	923	28,430	172,925	633
Finished Motor Gasoline	9,237	428	—	1	2,640	12,306	45
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	9,237	428	—	1	2,640	12,306	45
Conventional Blended with Fuel Ethanol	14	215	—	—	—	229	1
Ed55 and Lower	14	215	—	—	—	229	1
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	9,223	213	—	1	2,640	12,077	44
Finished Aviation Gasoline	10	6	—	1	—	17	0
Kerosene-Type Jet Fuel	7,982	—	123	—	10,846	18,951	69
Bonded Aircraft Fuel	692	—	—	—	5,885	6,577	24
Other	7,290	—	123	—	4,961	12,374	45
Kerosene	314	2	—	—	15	331	1
Distillate Fuel Oil	33,226	1,435	5,576	252	2,559	43,048	158
15 ppm sulfur and under	20,579	1,252	46	101	2,152	24,130	88
Bonded	—	—	—	—	—	—	—
Other	20,579	1,252	46	101	2,152	24,130	88
Greater than 15 ppm to 500 ppm sulfur	2,116	25	201	151	66	2,559	9
Bonded	450	—	—	—	17	467	2
Other	1,666	25	201	151	49	2,092	8
Greater than 500 ppm to 2000 ppm sulfur	10,109	158	3,086	—	341	13,694	50
Bonded	—	—	—	—	—	—	—
Other	10,109	158	3,086	—	341	13,694	50
Greater than 2000 ppm	422	—	2,243	—	—	2,665	10
Bonded	—	—	—	—	—	—	—
Other	422	—	2,243	—	—	2,665	10
Residual Fuel Oil	26,252	2,438	25,290	115	10,411	64,506	236
Less than 0.31 percent sulfur	1,896	20	4,961	—	1,079	7,956	29
0.31 to 1.00 percent sulfur	4,042	1,472	8,138	20	1,704	15,376	56
Greater than 1.00 percent sulfur	20,314	946	12,191	95	7,628	41,174	151
Petrochemical Feedstocks	56	966	9,621	—	372	11,015	40
Naphtha for Petro. Feed. Use	20	569	7,845	—	372	8,806	32
Other Oils for Petro. Feed. Use	36	397	1,776	—	—	2,209	8
Special Naphthas	166	381	2,271	—	19	2,837	10
Lubricants	1,031	1,346	5,955	—	103	8,435	31
Waxes	813	69	271	1	320	1,474	5
Petroleum Coke (Marketable)	559	273	1,515	—	299	2,646	10
Asphalt and Road Oil	3,821	2,085	—	544	846	7,296	27
Miscellaneous Products	—	20	34	9	—	63	0
Total	506,379	526,417	1,243,417	71,876	355,561	2,703,650	9,903

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
OPEC	110,695	—	—	3,356	—	—	—	—	2,112	2,112
Algeria	800	—	—	2,858	—	—	—	—	—	—
Angola	6,792	—	—	—	—	—	—	—	—	—
Ecuador	7,502	—	—	—	—	—	—	—	160	160
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	8,618	—	—	—	—	—	—	—	—	—
Kuwait	8,980	—	—	—	—	—	—	—	—	—
Libya	1,058	—	—	—	—	—	—	—	—	—
Nigeria	7,461	—	—	—	—	—	—	—	1,130	1,130
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	46,161	—	—	498	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	23,323	—	—	—	—	—	—	—	822	822
Non-OPEC	126,649	772	3,248	19,539	—	1,205	1,205	5,639	7,213	12,852
Argentina	1,015	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	256	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,558	—	234	234	316	91	407
Brazil	5,631	—	—	—	—	—	—	—	65	65
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	75,934	6	3,161	353	—	302	302	2,912	2,075	4,987
Chad	2,268	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	9,263	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	1,770	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	500	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	254	—	89	89	—	233	233
Gabon	1,194	—	—	—	—	—	—	—	—	—
Germany	—	—	—	44	—	—	—	—	61	61
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	925	—	—	—	—	—	—
Indonesia	1,124	—	—	—	—	—	—	—	—	—
Italy	—	—	—	164	—	—	—	—	966	966
Korea, South	—	—	—	—	—	43	43	—	151	151
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	23,347	289	34	—	—	—	—	—	320	320
Netherlands	—	—	—	659	—	—	—	212	672	884
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	1,654	—	—	—	16	16	32
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	112	717	829
Russia	744	—	—	11,078	—	—	—	115	453	568
Spain	—	—	—	—	—	—	—	—	307	307
Sweden	—	—	—	23	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	348	—	—	—	—	—	—	—	—	—
United Kingdom	617	—	—	253	—	537	537	1,956	1,080	3,036
Vietnam	208	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2,686	477	53	2,318	—	0	0	0	6	6
Total	237,344	772	3,248	22,895	—	1,205	1,205	5,639	9,325	14,964
Persian Gulf³	63,759	—	—	498	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	12	—	—	—	12
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	12	—	—	—	12
Non-OPEC	—	—	704	683	613	—	2,520	29	913	487	3,949
Argentina	—	—	—	276	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	693	—	—	—	—	—	—	164	164
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	11	31	—	—	2,466	29	759	—	3,254
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	74	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	113	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	168	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	15	—	—	54	—	—	—	54
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	323	323
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	70	—	70
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	26	—	26
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	80	539	—	0	0	58	0	58
Total	—	—	704	683	613	—	2,532	29	913	487	3,961
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	850	42	231	203	—	434
Algeria	—	—	—	—	—	231	203	—	434
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	42	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	850	—	—	—	—	—
Non-OPEC	313	1	—	1,197	391	3	1,814	4,629	6,446
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	334	—	334
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	81	—	81
Brazil	—	—	—	—	—	—	436	154	590
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	165	112	3	145	1,984	2,132
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	105	53	158
Congo (Brazzaville)	—	—	—	—	—	—	49	—	49
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1,032	43	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	89	486	575
Netherlands	—	—	—	—	—	—	42	146	188
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	406	881	1,287
Spain	—	—	—	—	—	—	—	239	239
Sweden	—	—	—	—	—	—	3	—	3
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	58	354	412
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	313	0	—	0	236	0	66	332	398
Total	313	1	—	2,047	433	234	2,017	4,629	6,880
Persian Gulf[§]	—	—	—	—	42	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	27	4	—	—	66	18	—	6,921	117,616	3,690	231	3,921
Algeria	—	—	—	—	—	—	—	3,292	4,092	27	110	136
Angola	—	—	—	—	—	—	—	—	6,792	226	—	226
Ecuador	—	—	—	—	—	—	—	160	7,662	250	5	255
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	8,618	287	—	287
Kuwait	—	—	—	—	—	—	—	—	8,980	299	—	299
Libya	—	—	—	—	—	—	—	—	1,058	35	—	35
Nigeria	—	—	—	—	—	—	—	1,130	8,591	249	38	286
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	540	46,701	1,539	18	1,557
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	27	4	—	—	66	18	—	1,799	25,122	777	60	837
Non-OPEC	882	77	109	158	1,151	559	7	55,115	181,764	4,222	1,837	6,059
Argentina	157	11	—	83	—	4	—	532	1,547	34	18	52
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	590	590	—	20	20
Bahrain	—	—	—	—	—	92	—	92	92	—	3	3
Belgium	—	—	—	—	—	4	—	2,285	2,285	—	76	76
Brazil	102	—	—	—	—	—	—	1,614	7,245	188	54	242
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	134	45	43	61	1,151	211	7	16,221	92,155	2,531	541	3,072
Chad	—	—	—	—	—	—	—	—	2,268	76	—	76
China	—	—	18	—	—	—	—	19	19	—	1	1
Colombia	—	—	—	—	—	—	—	158	9,421	309	5	314
Congo (Brazzaville)	—	—	—	—	—	—	—	49	1,819	59	2	61
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	500	17	—	17
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	74	74	—	2	2
France	—	21	—	—	—	5	—	602	602	—	20	20
Gabon	—	—	—	—	—	—	—	—	1,194	40	—	40
Germany	14	—	—	1	—	9	—	242	242	—	8	8
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	925	925	—	31	31
Indonesia	—	—	—	—	—	—	—	168	1,292	37	6	43
Italy	—	—	—	—	—	2	—	1,132	1,132	—	38	38
Korea, South	163	—	—	—	—	202	—	1,703	1,703	—	57	57
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	22	—	—	—	—	22	22	—	1	1
Mexico	287	—	—	—	—	—	—	1,828	25,175	778	61	839
Netherlands	—	—	—	—	—	—	—	1,731	1,731	—	58	58
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	1,686	1,686	—	56	56
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	7	—	—	—	—	—	—	836	836	—	28	28
Russia	—	—	—	—	—	—	—	13,004	13,748	25	433	458
Spain	—	—	—	—	—	—	—	546	546	—	18	18
Sweden	—	—	—	4	—	12	—	68	68	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	412	760	12	14	25
United Kingdom	18	—	—	—	—	15	—	3,859	4,476	21	129	149
Vietnam	—	—	—	—	—	—	—	—	208	7	—	7
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	26	9	0	3	0	4,717	7,403	88	155	245
Total	909	81	109	158	1,217	577	7	62,036	299,380	7,911	2,068	9,979
Persian Gulf³	—	—	—	—	—	92	—	632	64,391	2,125	21	2,146

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	969,414	375	—	26,834	—	—	—	69	16,922	16,991
Algeria	8,776	302	—	19,131	—	—	—	69	275	344
Angola	60,776	—	—	2,435	—	—	—	—	—	—
Ecuador	63,927	—	—	181	—	—	—	—	845	845
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	101,662	—	—	—	—	—	—	—	—	—
Kuwait	86,234	—	—	—	—	—	—	—	—	—
Libya	15,864	—	—	1,843	—	—	—	—	726	726
Nigeria	78,934	73	—	2,429	—	—	—	—	7,990	7,990
Qatar	—	—	—	—	—	—	—	—	174	174
Saudi Arabia	347,627	—	—	498	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	205,614	—	—	317	—	—	—	—	6,912	6,912
Non-OPEC	1,154,076	9,868	37,569	154,657	—	12,306	12,306	51,643	94,462	146,105
Argentina	4,404	—	—	—	—	—	—	—	146	146
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	523	—	—	—	—	—	—	—	66	66
Bahamas	—	—	—	2,211	—	—	—	—	728	728
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	24	11,807	—	945	945	735	2,192	2,927
Brazil	31,733	—	—	15	—	—	—	—	1,287	1,287
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	10	—	—	800	—	—	—	95	—	95
Canada	694,672	107	36,362	3,828	—	3,328	3,328	23,595	18,042	41,637
Chad	17,754	—	—	—	—	—	—	—	—	—
China	489	—	—	—	—	—	—	—	—	—
Colombia	107,043	—	—	30	—	—	—	—	—	—
Congo (Brazzaville)	5,581	—	—	398	—	—	—	—	—	—
Denmark	—	—	—	406	—	—	—	—	25	25
Egypt	1,553	—	—	—	—	—	—	—	—	—
Equatorial Guinea	3,869	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	250	—	—	—	—	90	90
Finland	—	—	—	77	—	—	—	871	2,656	3,527
France	—	—	—	2,071	—	428	428	2,419	2,783	5,202
Gabon	7,561	—	—	—	—	—	—	—	—	—
Germany	—	—	—	319	—	39	39	329	666	995
Guatemala	1,742	—	—	—	—	—	—	—	—	—
India	—	—	—	4,552	—	518	518	650	12,718	13,368
Indonesia	4,151	—	—	—	—	—	—	—	—	—
Italy	—	—	30	1,460	—	—	—	142	2,148	2,290
Korea, South	—	—	—	335	—	1,575	1,575	—	1,076	1,076
Latvia	—	—	—	—	—	—	—	228	1,720	1,948
Lithuania	—	—	—	—	—	319	319	—	908	908
Malaysia	—	—	—	—	—	—	—	—	247	247
Mexico	225,359	4,966	296	75	—	—	—	—	1,292	1,292
Netherlands	503	—	157	3,425	—	1,668	1,668	6,119	9,641	15,760
Netherlands Antilles	—	—	—	—	—	—	—	—	309	309
Norway	2,747	—	—	6,281	—	120	120	869	3,005	3,874
Oman	951	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	259	—	—	—	753	3,061	3,814
Russia	12,391	—	—	100,805	—	71	71	469	4,536	5,005
Spain	—	—	38	667	—	95	95	7	7,227	7,234
Sweden	—	—	—	214	—	105	105	35	693	728
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	2,624	—	54	711	—	124	124	—	576	576
United Kingdom	7,159	—	—	2,312	—	2,828	2,828	14,035	13,218	27,253
Vietnam	3,788	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	17,469	4,795	608	11,349	—	143	143	292	3,406	3,698
Total	2,123,490	10,243	37,569	181,491	—	12,306	12,306	51,712	111,384	163,096
Persian Gulf³	535,523	—	—	498	—	—	—	—	174	174

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	—	—	—	—	—	—	13	—	131	—	144
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	131	—	131
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	13	—	—	—	13
Non-OPEC	246	—	7,015	3,244	3,136	—	24,117	2,559	13,563	2,665	42,904
Argentina	—	—	—	591	—	—	—	—	—	—	—
Aruba	—	—	—	—	148	—	—	—	—	—	—
Australia	—	—	—	17	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	287	—	287
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	490	—	490
Brazil	—	—	5,513	—	—	—	—	122	141	164	427
Brunel	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	99	352	30	—	22,348	830	9,439	489	33,106
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	259	—	—	—	259
Colombia	—	—	—	—	—	—	—	—	529	—	529
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	1	—	—	—	1
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	642	—	—	—	—	—	—
France	—	—	287	—	—	—	—	75	304	—	379
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	815	—	—	—	—	88	—	88
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	1,009	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	148	—	—	151	49	—	—	200
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	200	1,192	1,392
Netherlands	246	—	—	126	36	—	—	—	254	—	254
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	69	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	5	—	—	—	—	—	—
Russia	—	—	—	—	—	—	32	1,435	1,584	820	3,871
Spain	—	—	—	37	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	26	—	26
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	163	—	163
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	1,116	80	2,275	—	1,326	48	58	0	1,432
Total	246	—	7,015	3,244	3,136	—	24,130	2,559	13,694	2,665	43,048
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	4,644	380	4,497	2,829	25	7,351
Algeria	—	—	—	282	—	1,969	698	—	2,667
Angola	—	—	—	—	—	155	1,340	—	1,495
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	1	—	—	—	—	—
Kuwait	—	—	—	604	—	—	—	1	1
Libya	—	—	—	—	—	2,373	—	—	2,373
Nigeria	—	—	—	—	—	—	788	—	788
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	174	380	—	—	—	—
United Arab Emirates	—	—	—	129	—	—	3	—	3
Venezuela	—	—	—	3,454	—	—	—	24	24
Non-OPEC	331	17	—	14,307	2,457	3,459	12,547	41,149	57,155
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	103	383	314	800
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	1	—	81	33	114
Brazil	—	—	—	—	27	—	3,003	999	4,002
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	3	17	—	783	1,118	30	3,016	14,234	17,280
Chad	—	—	—	—	—	—	14	4	18
China	—	—	—	70	—	—	—	—	—
Colombia	—	—	—	—	—	—	1,084	3,239	4,323
Congo (Brazzaville)	—	—	—	—	—	—	49	—	49
Denmark	—	—	—	—	—	240	519	—	759
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	41	182	223
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	1	16	539	9	564
Gabon	—	—	—	—	—	172	47	15	234
Germany	—	—	—	—	—	—	—	20	20
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	858	—	—	—	—	—
Indonesia	—	—	—	—	—	—	304	—	304
Italy	—	—	—	—	—	—	26	—	26
Korea, South	—	—	—	9,345	394	306	—	—	306
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	212	212
Mexico	—	—	—	220	23	—	112	8,691	8,803
Netherlands	—	—	—	264	1	—	328	968	1,296
Netherlands Antilles	—	—	—	249	—	—	—	—	—
Norway	—	—	—	—	—	—	37	49	86
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	38	1,184	1,451	7,438	10,073
Spain	—	—	—	—	—	—	—	239	239
Sweden	—	—	—	—	—	—	44	285	329
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	330	454	3,160	3,944
United Kingdom	—	—	—	—	—	—	97	118	215
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	328	0	—	2,518	854	1,078	918	940	2,936
Total	331	17	—	18,951	2,837	7,956	15,376	41,174	64,506
Persian Gulf³	—	—	—	908	380	—	3	1	4

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	207	1,571	—	516	401	1,858	—	61,322	1,030,736	3,551	225	3,776
Algeria	—	709	—	—	—	—	—	23,435	32,211	32	86	118
Angola	—	—	—	—	—	—	—	3,930	64,706	223	14	237
Ecuador	—	—	—	—	—	—	—	1,026	64,953	234	4	238
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	1	101,663	372	0	372
Kuwait	—	—	—	182	—	—	—	787	87,021	316	3	319
Libya	—	—	—	—	—	—	—	5,123	20,987	58	19	77
Nigeria	—	841	—	—	—	—	—	12,121	91,055	289	44	334
Qatar	—	—	—	—	—	1,724	—	1,898	1,898	—	7	7
Saudi Arabia	41	—	—	—	—	—	—	1,093	348,720	1,273	4	1,277
United Arab Emirates	—	—	—	—	—	—	—	132	132	—	0	0
Venezuela	166	21	—	334	401	134	—	11,776	217,390	753	43	796
Non-OPEC	8,599	638	1,474	2,130	6,895	6,577	63	518,838	1,672,914	4,227	1,901	6,128
Argentina	157	78	—	473	—	24	—	1,470	5,874	16	5	22
Aruba	—	—	—	—	—	—	—	148	148	—	1	1
Australia	—	—	—	—	—	—	—	83	606	2	0	2
Bahamas	—	—	—	—	—	—	—	4,026	4,026	—	15	15
Bahrain	—	—	—	—	—	510	—	510	510	—	2	2
Belgium	85	—	—	—	—	103	—	16,497	16,497	—	60	60
Brazil	271	—	10	—	—	131	—	11,720	43,453	116	43	159
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	895	905	0	3	3
Canada	1,035	454	551	555	6,862	2,072	53	150,197	844,869	2,545	550	3,095
Chad	—	—	—	—	—	—	—	18	17,772	65	0	65
China	—	—	460	111	—	19	—	923	1,412	2	3	5
Colombia	—	—	—	—	—	—	—	4,882	111,925	392	18	410
Congo (Brazzaville)	—	—	—	—	—	—	—	447	6,028	20	2	22
Denmark	—	—	—	—	—	—	—	1,190	1,190	—	4	4
Egypt	—	—	—	—	—	—	—	—	1,553	6	—	6
Equatorial Guinea	—	—	—	—	—	—	—	1	3,870	14	0	14
Estonia	—	—	—	—	—	—	—	563	563	—	2	2
Finland	—	—	—	—	—	26	—	4,272	4,272	—	16	16
France	58	106	—	—	—	58	—	9,154	9,154	—	34	34
Gabon	—	—	—	—	—	—	—	234	7,795	28	1	29
Germany	203	—	1	67	—	85	—	2,636	2,636	—	10	10
Guatemala	—	—	—	—	—	—	—	—	1,742	6	—	6
India	30	—	—	—	—	—	—	19,380	19,380	—	71	71
Indonesia	—	—	—	—	—	328	—	1,641	5,792	15	6	21
Italy	162	—	24	—	—	87	—	4,090	4,090	—	15	15
Korea, South	1,149	—	—	—	—	2,863	—	17,498	17,498	—	64	64
Latvia	—	—	—	—	—	—	—	1,948	1,948	—	7	7
Lithuania	—	—	—	—	—	—	—	1,227	1,227	—	4	4
Malaysia	—	—	93	—	—	—	—	552	552	—	2	2
Mexico	3,117	—	—	206	—	—	—	20,404	245,763	825	75	900
Netherlands	916	—	36	—	—	—	8	24,193	24,696	2	89	90
Netherlands Antilles	—	—	12	—	33	—	—	603	603	—	2	2
Norway	—	—	—	—	—	—	—	10,430	13,177	10	38	48
Oman	—	—	—	—	—	—	—	—	951	3	—	3
Portugal	7	—	—	—	—	35	—	4,120	4,120	—	15	15
Russia	—	—	—	—	—	17	—	119,889	132,280	45	439	485
Spain	72	—	—	597	—	—	—	8,979	8,979	—	33	33
Sweden	—	—	—	13	—	39	—	1,454	1,454	—	5	5
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	5,409	8,033	10	20	29
United Kingdom	178	—	—	53	—	131	—	33,133	40,292	26	121	148
Vietnam	—	—	—	—	—	—	—	—	3,788	14	—	14
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	1,159	0	287	55	0	49	2	34,022	51,491	65	126	190
Total	8,806	2,209	1,474	2,646	7,296	8,435	63	580,160	2,703,650	7,778	2,125	9,903
Persian Gulf³	41	—	—	182	—	2,234	—	4,421	539,944	1,962	16	1,978

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	12,102	-	-	-	-	-	-	-	2,112	2,112
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	3,271	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	160	160
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,046	-	-	-	-	-	-	-	-	-
Nigeria	4,758	-	-	-	-	-	-	-	1,130	1,130
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,430	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	597	-	-	-	-	-	-	-	822	822
Non-OPEC	14,963	-	945	1,960	-	1,109	1,109	5,639	6,183	11,822
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	234	234	316	91	407
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	7,478	-	945	292	-	249	249	2,912	1,581	4,493
Chad	1,908	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,025	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	1,718	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	89	89	-	233	233
Gabon	649	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	61	61
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	966	966
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	212	672	884
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	16	16	32
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	112	717	829
Russia	-	-	-	1,272	-	-	-	115	453	568
Spain	-	-	-	-	-	-	-	-	307	307
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	83	-	-	-	-	537	537	1,956	1,080	3,036
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,102	-	0	396	-	0	0	0	6	6
Total	27,065	-	945	1,960	-	1,109	1,109	5,639	8,295	13,934
Persian Gulf³	2,430	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-	-	-	-	-	-	12	-	-	-	12
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	12	-	-	-	12
Non-OPEC	-	-	393	291	74	-	2,147	26	698	-	2,871
Argentina	-	-	-	170	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	382	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	11	8	-	-	2,147	26	698	-	2,871
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	113	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	74	-	0	0	0	-	0
Total	-	-	393	291	74	-	2,159	26	698	-	2,883
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	850	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	850	—	—	—	—	—
Non-OPEC	313	1	—	152	—	—	328	1,807	2,135
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	113	—	113
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	1	—	152	—	—	10	1,588	1,598
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	101	53	154
Congo (Brazzaville)	—	—	—	—	—	—	46	—	46
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	42	146	188
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	6	18	24
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	313	0	—	0	—	—	10	2	12
Total	313	1	—	1,002	—	—	328	1,807	2,135
Persian Gulf[§]	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	2,974	15,076	403	99	503
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	3,271	109	—	109
Ecuador	—	—	—	—	—	—	—	160	160	—	5	5
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	1,046	35	—	35
Nigeria	—	—	—	—	—	—	—	1,130	5,888	159	38	196
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	2,430	81	—	81
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	1,684	2,281	20	56	76
Non-OPEC	1	4	41	2	788	57	—	22,960	37,923	499	765	1,264
Argentina	—	—	—	—	—	2	—	172	172	—	6	6
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	643	643	—	21	21
Brazil	—	—	—	—	—	—	—	495	495	—	17	17
Brunel	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	1	4	32	1	788	44	—	11,490	18,968	249	383	632
Chad	—	—	—	—	—	—	—	—	1,908	64	—	64
China	—	—	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	—	—	—	—	—	154	1,179	34	5	39
Congo (Brazzaville)	—	—	—	—	—	—	—	46	1,764	57	2	59
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	3	—	325	325	—	11	11
Gabon	—	—	—	—	—	—	—	—	649	22	—	22
Germany	—	—	—	—	—	6	—	180	180	—	6	6
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	966	966	—	32	32
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	1,072	1,072	—	36	36
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	32	32	—	1	1
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	829	829	—	28	28
Russia	—	—	—	—	—	—	—	1,840	1,840	—	61	61
Spain	—	—	—	—	—	—	—	307	307	—	10	10
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	24	24	—	1	1
United Kingdom	—	—	—	—	—	—	—	3,573	3,656	3	119	122
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	7	1	0	1	—	810	2,912	70	26	96
Total	1	4	41	2	788	57	—	25,934	52,999	902	864	1,767
Persian Gulf³	—	—	—	—	—	—	—	—	2,430	81	—	81

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,083	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,083	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	52,621	6	1,881	61	-	9	9	-	159	159
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	52,621	6	1,881	61	-	9	9	-	159	159
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	0	0	-	0	0
Total	53,704	6	1,881	61	-	9	9	-	159	159
Persian Gulf³	1,083	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	23	74	-	113	-	2	-	115
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	23	-	-	113	-	2	-	115
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	74	-	0	-	0	-	0
Total	-	-	-	23	74	-	113	-	2	-	115
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	44	3	117	127	247
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunel	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	44	3	117	127	247
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	0	0	0	0	0
Total	-	-	-	-	44	3	117	127	247
Persian Gulf⁶	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	1,083	36	—	36
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	1,083	36	—	36
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	64	41	10	29	287	158	6	3,268	55,889	1,754	109	1,863
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunel	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	64	41	10	24	287	158	6	3,189	55,810	1,754	106	1,860
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	74	74	—	—	2	2
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	1	—	—	—	1	1	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	4	—	—	—	4	4	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	0	0	0	0	0	1	1
Total	64	41	10	29	287	158	6	3,268	56,972	1,790	109	1,899
Persian Gulf³	—	—	—	—	—	—	—	—	1,083	36	—	36

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	72,560	—	—	2,597	—	—	—	—	—	—
Algeria	—	—	—	2,099	—	—	—	—	—	—
Angola	1,423	—	—	—	—	—	—	—	—	—
Ecuador	2,190	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	4,104	—	—	—	—	—	—	—	—	—
Kuwait	7,946	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	2,410	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	31,761	—	—	498	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	22,726	—	—	—	—	—	—	—	—	—
Non-OPEC	40,046	766	34	16,135	—	—	—	—	385	385
Argentina	1,015	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,558	—	—	—	—	—	—
Brazil	4,388	—	—	—	—	—	—	—	65	65
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	3,120	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	6,682	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	254	—	—	—	—	—	—
Gabon	545	—	—	—	—	—	—	—	—	—
Germany	—	—	—	44	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	496	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	164	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	23,347	289	34	—	—	—	—	—	320	320
Netherlands	—	—	—	324	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	1,654	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	9,806	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	23	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	348	—	—	—	—	—	—	—	—	—
United Kingdom	534	—	—	253	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	67	477	0	1,559	—	—	—	—	0	0
Total	112,606	766	34	18,732	—	—	—	—	385	385
Persian Gulf³	43,811	—	—	498	—	—	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	369	194	-	-	-	154	487	641
Argentina	-	-	-	106	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	164	164
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	168	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	15	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	323	323
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	70	-	70
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	26	-	26
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	80	194	-	-	-	58	0	58
Total	-	-	-	369	194	-	-	-	154	487	641
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	42	231	203	—	434
Algeria	—	—	—	—	—	231	203	—	434
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	42	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	—	347	—	928	1,670	2,598
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	81	—	81
Brazil	—	—	—	—	—	—	323	154	477
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	68	—	—	224	224
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	4	—	4
Congo (Brazzaville)	—	—	—	—	—	—	3	—	3
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	43	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	172	172
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	406	881	1,287
Spain	—	—	—	—	—	—	—	239	239
Sweden	—	—	—	—	—	—	3	—	3
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	52	—	52
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	236	0	56	0	56
Total	—	—	—	—	389	231	1,131	1,670	3,032
Persian Gulf⁶	—	—	—	—	42	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	27	4	—	—	—	18	—	3,122	75,682	2,419	104	2,523
Algeria	—	—	—	—	—	—	—	2,533	2,533	—	84	84
Angola	—	—	—	—	—	—	—	—	1,423	47	—	47
Ecuador	—	—	—	—	—	—	—	—	2,190	73	—	73
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	4,104	137	—	137
Kuwait	—	—	—	—	—	—	—	—	7,946	265	—	265
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	2,410	80	—	80
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	540	32,301	1,059	18	1,077
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	27	4	—	—	—	18	—	49	22,775	758	2	759
Non-OPEC	764	32	36	91	—	332	—	22,928	62,974	1,335	764	2,099
Argentina	157	11	—	83	—	2	—	360	1,375	34	12	46
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	92	—	92	92	—	3	3
Belgium	—	—	—	—	—	3	—	1,642	1,642	—	55	55
Brazil	102	—	—	—	—	—	—	808	5,196	146	27	173
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	69	—	—	—	—	—	—	361	3,481	104	12	116
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	14	—	—	—	—	15	15	—	1	1
Colombia	—	—	—	—	—	—	—	4	6,686	223	0	223
Congo (Brazzaville)	—	—	—	—	—	—	—	3	3	—	0	0
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	21	—	—	—	2	—	277	277	—	9	9
Gabon	—	—	—	—	—	—	—	—	545	18	—	18
Germany	14	—	—	—	—	3	—	61	61	—	2	2
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	496	496	—	17	17
Indonesia	—	—	—	—	—	—	—	168	168	—	6	6
Italy	—	—	—	—	—	2	—	166	166	—	6	6
Korea, South	110	—	—	—	—	200	—	368	368	—	12	12
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	22	—	—	—	—	22	22	—	1	1
Mexico	287	—	—	—	—	—	—	1,425	24,772	778	48	826
Netherlands	—	—	—	—	—	—	—	324	324	—	11	11
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	1,654	1,654	—	55	55
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	7	—	—	—	—	—	—	7	7	—	0	0
Russia	—	—	—	—	—	—	—	11,164	11,164	—	372	372
Spain	—	—	—	—	—	—	—	239	239	—	8	8
Sweden	—	—	—	—	—	12	—	64	64	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	52	400	12	2	13
United Kingdom	18	—	—	—	—	15	—	286	820	18	10	27
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	8	—	1	—	2,870	2,937	2	93	97
Total	791	36	36	91	—	350	—	26,050	138,656	3,754	868	4,622
Persian Gulf³	—	—	—	—	—	92	—	632	44,443	1,460	21	1,481

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,690	-	254	-	-	-	-	-	10	10
Canada	7,690	-	254	-	-	-	-	-	10	10
Other	0	-	0	-	-	-	-	-	0	0
Total	7,690	-	254	-	-	-	-	-	10	10
	PAD District 5									
OPEC	24,950	-	-	759	-	-	-	-	-	-
Algeria	800	-	-	759	-	-	-	-	-	-
Angola	2,098	-	-	-	-	-	-	-	-	-
Ecuador	5,312	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,514	-	-	-	-	-	-	-	-	-
Kuwait	1,034	-	-	-	-	-	-	-	-	-
Libya	12	-	-	-	-	-	-	-	-	-
Nigeria	293	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	10,887	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	11,329	-	134	1,383	-	87	87	-	476	476
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	1,243	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	5,025	-	81	-	-	44	44	-	325	325
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,556	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	1,124	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	43	43	-	151	151
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	335	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	517	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	208	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	1,656	-	53	1,048	-	0	0	-	0	0
Total	36,279	-	134	2,142	-	87	87	-	476	476
Persian Gulf ³	16,435	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	8	-	-	-	8
Canada	-	-	-	-	-	-	8	-	-	-	8
Other	-	-	-	-	-	-	0	-	-	-	0
Total	-	-	-	-	-	-	8	-	-	-	8
	PAD District 5										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	311	-	271	-	252	3	59	-	314
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	311	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	198	3	59	-	260
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	54	-	-	-	54
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	271	-	0	0	0	-	0
Total	-	-	311	-	271	-	252	3	59	-	314
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin						Residual Fuel Oil			
	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	1	28	29
Canada	-	-	-	-	-	-	1	28	29
Other	-	-	-	-	-	-	0	0	0
Total	-	-	-	-	-	-	1	28	29
	PAD District 5								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	1,045	-	-	440	997	1,437
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	-	13	-	-	17	17	34
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	1,032	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	89	314	403
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	334	666	1,000
Total	-	-	-	1,045	-	-	440	997	1,437
Persian Gulf ³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	1	—	19	—	1	322	8,012	256	11	267
Canada	—	—	1	—	19	—	1	322	8,012	256	11	267
Other	—	—	0	—	0	—	0	0	0	0	0	0
Total	—	—	1	—	19	—	1	322	8,012	256	11	267
	PAD District 5											
OPEC	—	—	—	—	66	—	—	825	25,775	832	28	859
Algeria	—	—	—	—	—	—	—	759	1,559	27	25	52
Angola	—	—	—	—	—	—	—	—	2,098	70	—	70
Ecuador	—	—	—	—	—	—	—	—	5,312	177	—	177
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	4,514	150	—	150
Kuwait	—	—	—	—	—	—	—	—	1,034	34	—	34
Libya	—	—	—	—	—	—	—	—	12	0	—	0
Nigeria	—	—	—	—	—	—	—	—	293	10	—	10
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	10,887	363	—	363
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	66	—	—	66	66	—	2	2
Non-OPEC	53	—	21	36	57	12	—	5,637	16,966	378	188	566
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	311	1,554	41	10	52
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	36	57	9	—	859	5,884	168	29	196
China	—	—	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	—	—	—	—	—	—	1,556	52	—	52
Finland	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	1,124	37	—	37
Japan	—	—	19	—	—	1	—	20	20	—	1	1
Korea, South	53	—	—	—	—	2	—	1,335	1,335	—	45	45
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	403	403	—	13	13
Netherlands	—	—	—	—	—	—	—	335	335	—	11	11
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	517	17	—	17
Singapore	—	—	—	—	—	—	—	271	271	—	9	9
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	208	7	—	7
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	0	0	—	2,101	3,757	56	70	126
Total	53	—	21	36	123	12	—	6,462	42,741	1,209	215	1,425
Persian Gulf ³	—	—	—	—	—	—	—	—	16,435	548	—	548

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	130,822	73	-	4,052	-	-	-	69	16,032	16,101
Algeria	4,828	-	-	2,036	-	-	-	69	275	344
Angola	24,309	-	-	669	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	688	688
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,713	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	11,733	-	-	201	-	-	-	-	721	721
Nigeria	55,090	73	-	830	-	-	-	-	7,689	7,689
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	23,892	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	8,257	-	-	316	-	-	-	-	6,659	6,659
Non-OPEC	101,540	113	10,622	19,907	-	9,237	9,237	50,841	81,639	132,480
Argentina	-	-	-	-	-	-	-	-	146	146
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	307	-	-	-	-	633	633
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	912	912	723	2,012	2,735
Brazil	-	-	-	-	-	-	-	-	306	306
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	309	-	-	-	95	-	95
Canada	58,261	-	10,622	2,025	-	2,385	2,385	23,595	14,075	37,670
Chad	8,583	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	7,921	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	5,529	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	378	-	-	-	-	25	25
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	1,350	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	250	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	871	2,623	3,494
France	-	-	-	-	-	428	428	2,418	2,687	5,105
Gabon	3,964	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	39	39	321	666	987
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	518	518	650	10,507	11,157
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	296	-	-	-	142	2,116	2,258
Korea, South	-	-	-	-	-	-	-	-	521	521
Latvia	-	-	-	-	-	-	-	228	1,720	1,948
Lithuania	-	-	-	-	-	319	319	-	908	908
Malaysia	-	-	-	-	-	-	-	-	247	247
Mexico	1,447	113	-	75	-	-	-	-	182	182
Netherlands	-	-	-	26	-	1,597	1,597	5,954	9,280	15,234
Netherlands Antilles	-	-	-	-	-	-	-	-	309	309
Norway	2,516	-	-	-	-	-	-	869	2,631	3,500
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	55	-	-	-	753	3,039	3,792
Russia	1,055	-	-	14,510	-	71	71	436	4,081	4,517
Spain	-	-	-	-	-	95	95	7	6,795	6,802
Sweden	-	-	-	-	-	105	105	35	693	728
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	124	124	-	335	335
United Kingdom	920	-	-	394	-	2,644	2,644	13,549	12,483	26,032
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	9,994	0	0	1,282	-	0	0	195	2,619	2,814
Total	232,362	186	10,622	23,959	-	9,237	9,237	50,910	97,671	148,581
Persian Gulf³	26,605	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	13	—	—	—	13
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	13	—	—	—	13
Non-OPEC	—	—	4,845	1,655	593	—	20,566	2,116	10,109	422	33,213
Argentina	—	—	—	435	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	287	—	287
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	3,769	—	—	—	—	—	96	—	96
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	99	263	22	—	20,279	637	8,537	199	29,652
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	109	—	109
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	280	—	—	—	—	—	—
France	—	—	287	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	577	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	260	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	51	18	—	—	—	199	—	199
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	69	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	5	—	—	—	—	—	—
Russia	—	—	—	—	—	—	32	1,435	881	223	2,571
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	690	0	268	—	255	44	0	0	299
Total	—	—	4,845	1,655	593	—	20,579	2,116	10,109	422	33,226
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	4,281	—	1,201	329	1	1,531
Algeria	—	—	—	282	—	1,201	—	—	1,201
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	604	—	—	—	1	1
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	329	—	329
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	66	—	—	—	—	—
United Arab Emirates	—	—	—	129	—	—	—	—	—
Venezuela	—	—	—	3,200	—	—	—	—	—
Non-OPEC	314	10	—	3,701	166	695	3,713	20,313	24,721
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	49	184	233
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	33	33
Brazil	—	—	—	—	—	—	478	215	693
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	1	10	—	699	128	10	1,160	12,531	13,701
Chad	—	—	—	—	—	—	—	4	4
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	886	3,195	4,081
Congo (Brazzaville)	—	—	—	—	—	—	46	—	46
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	31	—	31
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	209	5	214
Gabon	—	—	—	—	—	172	1	15	188
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	858	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1,051	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	91	91
Netherlands	—	—	—	264	—	—	328	698	1,026
Netherlands Antilles	—	—	—	249	—	—	—	—	—
Norway	—	—	—	—	—	—	1	—	1
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	38	—	—	1,711	1,711
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	1	285	286
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	9	1,168	1,177
United Kingdom	—	—	—	—	—	—	97	118	215
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	313	0	—	580	0	513	417	60	990
Total	314	10	—	7,982	166	1,896	4,042	20,314	26,252
Persian Gulf[§]	—	—	—	799	—	—	—	1	1

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	333	335	—	—	26,769	157,591	479	98	577
Algeria	—	—	—	—	—	—	—	3,863	8,691	18	14	32
Angola	—	—	—	—	—	—	—	669	24,978	89	2	91
Ecuador	—	—	—	—	—	—	—	688	688	—	3	3
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	2,713	10	—	10
Kuwait	—	—	—	—	—	—	—	605	605	—	2	2
Libya	—	—	—	—	—	—	—	972	12,705	43	4	47
Nigeria	—	—	—	—	—	—	—	8,921	64,011	202	33	234
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	66	23,958	88	0	88
United Arab Emirates	—	—	—	—	—	—	—	129	129	—	0	0
Venezuela	—	—	—	333	335	—	—	10,856	19,113	30	40	70
Non-OPEC	20	36	813	226	3,486	1,031	—	247,248	348,788	372	906	1,278
Argentina	—	—	—	—	—	6	—	587	587	—	2	2
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	1,460	1,460	—	5	5
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	32	—	3,713	3,713	—	14	14
Brazil	—	—	—	—	—	56	—	4,920	4,920	—	18	18
Brunel	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	404	404	—	1	1
Canada	20	36	481	7	3,453	644	—	101,918	160,179	213	373	587
Chad	—	—	—	—	—	—	—	4	8,587	31	0	31
China	—	—	121	—	—	19	—	140	140	—	1	1
Colombia	—	—	—	—	—	—	—	4,190	12,111	29	15	44
Congo (Brazzaville)	—	—	—	—	—	—	—	46	5,575	20	0	20
Denmark	—	—	—	—	—	—	—	403	403	—	1	1
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	1,350	5	—	5
Estonia	—	—	—	—	—	—	—	281	281	—	1	1
Finland	—	—	—	—	—	—	—	3,774	3,774	—	14	14
France	—	—	—	—	—	40	—	6,074	6,074	—	22	22
Gabon	—	—	—	—	—	—	—	188	4,152	15	1	15
Germany	—	—	1	7	—	41	—	1,656	1,656	—	6	6
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	12,587	12,587	—	46	46
Indonesia	—	—	—	—	—	—	—	260	260	—	1	1
Italy	—	—	24	—	—	12	—	2,590	2,590	—	9	9
Korea, South	—	—	—	—	—	162	—	1,734	1,734	—	6	6
Latvia	—	—	—	—	—	—	—	1,948	1,948	—	7	7
Lithuania	—	—	—	—	—	—	—	1,227	1,227	—	4	4
Malaysia	—	—	—	—	—	—	—	247	247	—	1	1
Mexico	—	—	—	206	—	—	—	667	2,114	5	2	8
Netherlands	—	—	36	—	—	—	—	18,451	18,451	—	68	68
Netherlands Antilles	—	—	12	—	33	—	—	603	603	—	2	2
Norway	—	—	—	—	—	—	—	3,570	6,086	9	13	22
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	3,852	3,852	—	14	14
Russia	—	—	—	—	—	—	—	23,418	24,473	4	86	90
Spain	—	—	—	—	—	—	—	6,897	6,897	—	25	25
Sweden	—	—	—	—	—	6	—	1,125	1,125	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,636	1,636	—	6	6
United Kingdom	—	—	—	5	—	1	—	29,291	30,211	3	107	111
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	138	1	0	12	—	7,387	17,381	38	31	67
Total	20	36	813	559	3,821	1,031	—	274,017	506,379	851	1,004	1,855
Persian Gulf³	—	—	—	—	—	—	—	800	27,405	97	3	100

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,451	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	949	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	9,952	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	550	-	-	-	-	-	-	-	-	-
Non-OPEC	481,413	102	21,824	116	-	428	428	-	1,328	1,328
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	480,672	102	21,824	116	-	428	428	-	1,205	1,205
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	220	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	123	123
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	521	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	0	0	-	0	0
Total	492,864	102	21,824	116	-	428	428	-	1,328	1,328
Persian Gulf³	10,901	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	87	82	-	1,252	25	158	-	1,435
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	87	8	-	1,252	25	158	-	1,435
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	74	-	0	0	0	-	0
Total	-	-	-	87	82	-	1,252	25	158	-	1,435
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	2	6	—	—	381	20	1,472	946	2,438
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	2	6	—	—	381	20	1,472	946	2,438
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	—	0	0	0	0	0
Total	2	6	—	—	381	20	1,472	946	2,438
Persian Gulf^β	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	11,451	42	—	42
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	949	3	—	—	3
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	9,952	36	—	—	36
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	550	2	—	—	2
Non-OPEC	569	397	69	273	2,085	1,346	20	33,553	514,966	1,763	123	1,886
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	569	397	69	249	2,085	1,343	20	33,329	514,001	1,761	122	1,883
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	74	74	—	—	0	0
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	11	—	3	—	14	14	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	220	1	—	1
Netherlands	—	—	—	—	—	—	—	123	123	—	0	0
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	13	—	—	—	13	13	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	521	2	—	2
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	0	0	0	0	-1	1	0
Total	569	397	69	273	2,085	1,346	20	33,553	526,417	1,805	123	1,928
Persian Gulf³	—	—	—	—	—	—	—	—	10,901	40	—	40

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	639,194	302	-	19,745	-	-	-	-	890	890
Algeria	2,113	302	-	14,873	-	-	-	-	-	-
Angola	17,325	-	-	1,766	-	-	-	-	-	-
Ecuador	14,996	-	-	181	-	-	-	-	157	157
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	57,792	-	-	-	-	-	-	-	-	-
Kuwait	81,954	-	-	-	-	-	-	-	-	-
Libya	3,089	-	-	1,200	-	-	-	-	5	5
Nigeria	22,417	-	-	1,226	-	-	-	-	301	301
Qatar	-	-	-	-	-	-	-	-	174	174
Saudi Arabia	244,352	-	-	498	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	195,156	-	-	1	-	-	-	-	253	253
Non-OPEC	393,265	9,648	675	118,058	-	-	-	802	7,364	8,166
Argentina	2,022	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	95	95
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	24	10,689	-	-	-	12	180	192
Brazil	24,865	-	-	15	-	-	-	-	981	981
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	491	-	-	-	-	-	-
Canada	32,219	-	17	618	-	-	-	-	-	-
Chad	8,451	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	81,764	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	302	-	-	-	-	-	-
Denmark	-	-	-	28	-	-	-	-	-	-
Egypt	1,553	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	90	90
Finland	-	-	-	73	-	-	-	-	33	33
France	-	-	-	1,953	-	-	-	1	96	97
Gabon	3,597	-	-	-	-	-	-	-	-	-
Germany	-	-	-	141	-	-	-	8	-	8
Guatemala	1,742	-	-	-	-	-	-	-	-	-
India	-	-	-	954	-	-	-	-	1,995	1,995
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	30	531	-	-	-	-	32	32
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	223,692	4,853	278	-	-	-	-	-	1,110	1,110
Netherlands	503	-	157	2,961	-	-	-	165	238	403
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	231	-	-	6,281	-	-	-	-	374	374
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	204	-	-	-	-	22	22
Russia	2,462	-	-	82,204	-	-	-	33	455	488
Spain	-	-	38	385	-	-	-	-	432	432
Sweden	-	-	-	24	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	2,624	-	-	369	-	-	-	-	241	241
United Kingdom	5,718	-	-	1,551	-	-	-	486	735	1,221
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,822	4,795	131	8,284	-	-	-	97	255	352
Total	1,032,459	9,950	675	137,803	-	-	-	802	8,254	9,056
Persian Gulf³	384,098	-	-	498	-	-	-	-	174	174

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	—	—	—	—	—	—	—	—	131	—	131
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	131	—	131
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	246	—	61	1,403	587	—	46	201	2,955	2,243	5,445
Argentina	—	—	—	156	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	17	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	490	—	490
Brazil	—	—	—	—	—	—	—	122	45	164	331
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	586	290	876
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	420	—	420
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	1	—	—	—	1
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	231	—	—	—	—	—	—
France	—	—	—	—	—	—	—	75	304	—	379
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	238	—	—	—	—	88	—	88
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	749	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	51	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	200	1,192	1,392
Netherlands	246	—	—	75	18	—	—	—	55	—	55
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	520	597	1,117
Spain	—	—	—	37	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	26	—	26
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	163	—	163
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	61	80	338	—	45	4	58	0	107
Total	246	—	61	1,403	587	—	46	201	3,086	2,243	5,576
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	123	380	3,296	2,500	24	5,820
Algeria	—	—	—	—	—	768	698	—	1,466
Angola	—	—	—	—	—	155	1,340	—	1,495
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	1	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	2,373	—	—	2,373
Nigeria	—	—	—	—	—	—	459	—	459
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	108	380	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	3	—	3
Venezuela	—	—	—	14	—	—	—	24	24
Non-OPEC	—	—	—	—	1,891	1,665	5,638	12,167	19,470
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	103	—	—	103
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	1	—	81	—	81
Brazil	—	—	—	—	27	—	2,525	759	3,284
Brunel	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	590	—	95	415	510
Chad	—	—	—	—	—	—	14	—	14
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	198	16	214
Congo (Brazzaville)	—	—	—	—	—	—	3	—	3
Denmark	—	—	—	—	—	240	187	—	427
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	10	—	10
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	1	16	330	4	350
Gabon	—	—	—	—	—	—	46	—	46
Germany	—	—	—	—	—	—	—	20	20
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	26	—	26
Korea, South	—	—	—	—	394	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	23	—	23	4,534	4,557
Netherlands	—	—	—	—	1	—	—	270	270
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	36	49	85
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	784	1,105	5,347	7,236
Spain	—	—	—	—	—	—	—	239	239
Sweden	—	—	—	—	—	—	43	—	43
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	330	445	204	979
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	854	192	471	310	973
Total	—	—	—	123	2,271	4,961	8,138	12,191	25,290
Persian Gulf[§]	—	—	—	109	380	—	3	—	3

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	207	1,571	—	183	—	1,858	—	31,210	670,404	2,341	114	2,456
Algeria	—	709	—	—	—	—	—	17,350	19,463	8	64	71
Angola	—	—	—	—	—	—	—	3,261	20,586	63	12	75
Ecuador	—	—	—	—	—	—	—	338	15,334	55	1	56
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	1	57,793	212	0	212
Kuwait	—	—	—	182	—	—	—	182	82,136	300	1	301
Libya	—	—	—	—	—	—	—	3,709	6,798	11	14	25
Nigeria	—	841	—	—	—	—	—	2,827	25,244	82	10	92
Qatar	—	—	—	—	—	1,724	—	1,898	1,898	—	7	7
Saudi Arabia	41	—	—	—	—	—	—	1,027	245,379	895	4	899
United Arab Emirates	—	—	—	—	—	—	—	3	3	—	0	0
Venezuela	166	21	—	1	—	134	—	614	195,770	715	2	717
Non-OPEC	7,638	205	271	1,332	—	4,097	34	179,748	573,013	1,441	658	2,099
Argentina	157	78	—	473	—	18	—	883	2,905	7	3	11
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	17	17	—	0	0
Bahamas	—	—	—	—	—	—	—	198	198	—	1	1
Bahrain	—	—	—	—	—	510	—	510	510	—	2	2
Belgium	85	—	—	—	—	71	—	11,633	11,633	—	43	43
Brazil	271	—	10	—	—	75	—	5,031	29,896	91	18	110
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	491	491	—	2	2
Canada	446	21	—	—	—	31	24	3,133	35,352	118	11	129
Chad	—	—	—	—	—	—	—	14	8,465	31	0	31
China	—	—	139	111	—	—	—	254	254	—	1	1
Colombia	—	—	—	—	—	—	—	634	82,398	300	2	302
Congo (Brazzaville)	—	—	—	—	—	—	—	305	305	—	1	1
Denmark	—	—	—	—	—	—	—	455	455	—	2	2
Egypt	—	—	—	—	—	—	—	—	1,553	6	—	6
Equatorial Guinea	—	—	—	—	—	—	—	1	1	—	0	0
Estonia	—	—	—	—	—	—	—	100	100	—	0	0
Finland	—	—	—	—	—	26	—	363	363	—	1	1
France	58	106	—	—	—	18	—	2,962	2,962	—	11	11
Gabon	—	—	—	—	—	—	—	46	3,643	13	0	13
Germany	203	—	—	49	—	41	—	788	788	—	3	3
Guatemala	—	—	—	—	—	—	—	—	1,742	6	—	6
India	30	—	—	—	—	—	—	2,979	2,979	—	11	11
Indonesia	—	—	—	—	—	328	—	1,077	1,077	—	4	4
Italy	162	—	—	—	—	75	—	867	867	—	3	3
Korea, South	777	—	—	—	—	2,658	—	3,987	3,987	—	15	15
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	93	—	—	—	—	93	93	—	0	0
Mexico	3,117	—	—	—	—	—	—	15,344	239,036	819	56	876
Netherlands	916	—	—	—	—	—	8	5,110	5,613	2	19	21
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	6,740	6,971	1	25	26
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	7	—	—	—	—	35	—	268	268	—	1	1
Russia	—	—	—	—	—	17	—	91,071	93,533	9	334	343
Spain	72	—	—	597	—	—	—	1,800	1,800	—	7	7
Sweden	—	—	—	—	—	33	—	126	126	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	1,589	4,213	10	6	15
United Kingdom	178	—	—	48	—	130	—	3,291	9,009	21	12	33
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	1,159	0	29	54	—	31	2	17,588	19,410	7	64	69
Total	7,845	1,776	271	1,515	—	5,955	34	210,958	1,243,417	3,782	773	4,555
Persian Gulf³	41	—	—	182	—	2,234	—	3,621	387,719	1,407	13	1,420

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
OPEC	PAD District 4									
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Non-OPEC	67,891	5	3,047	-	-	1	1	-	10	10
Canada	67,891	5	3,047	-	-	1	1	-	10	10
Other	0	0	0	-	-	0	0	-	0	0
Total	67,891	5	3,047	-	-	1	1	-	10	10
OPEC	PAD District 5									
	187,947	-	-	3,037	-	-	-	-	-	-
	1,835	-	-	2,222	-	-	-	-	-	-
	19,142	-	-	-	-	-	-	-	-	-
	48,931	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	41,157	-	-	-	-	-	-	-	-	-
	3,331	-	-	-	-	-	-	-	-	-
	1,042	-	-	442	-	-	-	-	-	-
	1,427	-	-	373	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	69,431	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	Non-OPEC	109,967	-	1,401	16,576	-	2,640	2,640	-	4,121
Argentina	2,382	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	523	-	-	-	-	-	-	-	66	66
Brazil	6,868	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	55,629	-	852	1,069	-	514	514	-	2,752	2,752
China	489	-	-	-	-	-	-	-	-	-
Colombia	17,358	-	-	30	-	-	-	-	-	-
Finland	-	-	-	4	-	-	-	-	-	-
Germany	-	-	-	178	-	-	-	-	-	-
Indonesia	4,151	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	76	76	-	228	228
Korea, South	-	-	-	335	-	1,575	1,575	-	555	555
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	18	-	-	-	-	-	-	-
Netherlands	-	-	-	438	-	71	71	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	951	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	2,973	-	-	221	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	135	135
Sweden	-	-	-	190	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	367	-	184	184	-	-	-
Vietnam	3,788	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	14,855	-	531	13,744	-	220	220	-	385	385
Total	297,914	-	1,401	19,613	-	2,640	2,640	-	4,121	4,121
Persian Gulf ³	113,919	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	101	151	-	-	252
Canada	-	-	-	-	-	-	101	151	-	-	252
Other	-	-	-	-	-	-	0	0	-	-	0
Total	-	-	-	-	-	-	101	151	-	-	252
	PAD District 5										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	2,109	99	1,874	-	2,152	66	341	-	2,559
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	148	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	1,744	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	2	-	-	716	17	158	-	891
China	-	-	-	-	-	-	259	-	-	-	259
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	57	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	1,026	-	-	-	1,026
Korea, South	-	-	-	97	-	-	151	49	-	-	200
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	365	0	1,669	-	0	0	183	-	183
Total	-	-	2,109	99	1,874	-	2,152	66	341	-	2,559
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin			Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1	—	—	—	—	20	95	115
Canada	—	1	—	—	—	—	20	95	115
Other	—	0	—	—	—	—	0	0	0
Total	—	1	—	—	—	—	20	95	115
	PAD District 5								
OPEC	—	—	—	240	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	240	—	—	—	—	—
Non-OPEC	15	—	—	10,606	19	1,079	1,704	7,628	10,411
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	25	25
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	—	—	84	19	—	269	247	516
China	—	—	—	70	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	28	28
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	304	—	304
Japan	15	—	—	1,823	—	—	—	—	—
Korea, South	—	—	—	8,294	—	306	—	—	306
Malaysia	—	—	—	—	—	—	—	212	212
Mexico	—	—	—	220	—	—	89	4,066	4,155
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	240	240
Singapore	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	115	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Other	0	—	—	0	0	773	1,042	2,810	4,625
Total	15	—	—	10,846	19	1,079	1,704	7,628	10,411
Persian Gulf ³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-September 2013
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	1	—	544	—	9	3,985	71,876	249	15	263
Canada	—	—	1	—	544	—	9	3,985	71,876	249	15	263
Other	—	—	0	—	0	—	0	0	0	0	0	0
Total	—	—	1	—	544	—	9	3,985	71,876	249	15	263
	PAD District 5											
OPEC	—	—	—	—	66	—	—	3,343	191,290	688	12	701
Algeria	—	—	—	—	—	—	—	2,222	4,057	7	8	15
Angola	—	—	—	—	—	—	—	—	19,142	70	—	70
Ecuador	—	—	—	—	—	—	—	—	48,931	179	—	179
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	41,157	151	—	151
Kuwait	—	—	—	—	—	—	—	—	3,331	12	—	12
Libya	—	—	—	—	—	—	—	442	1,484	4	2	5
Nigeria	—	—	—	—	—	—	—	373	1,800	5	1	7
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	69,431	254	—	254
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	66	—	—	306	1,957	6	1	7
Non-OPEC	372	—	320	299	780	103	—	54,304	164,271	403	199	602
Argentina	—	—	—	—	—	—	—	—	2,382	9	—	9
Aruba	—	—	—	—	—	—	—	148	148	—	1	1
Australia	—	—	—	—	—	—	—	66	589	2	0	2
Brazil	—	—	—	—	—	—	—	1,769	8,637	25	6	32
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	299	780	54	—	7,832	63,461	204	29	232
China	—	—	200	—	—	—	—	529	1,018	2	2	4
Colombia	—	—	—	—	—	—	—	58	17,416	64	0	64
Finland	—	—	—	—	—	—	—	61	61	—	0	0
Germany	—	—	—	—	—	—	—	178	178	—	1	1
Indonesia	—	—	—	—	—	—	—	304	4,455	15	1	16
Japan	—	—	108	—	—	6	—	3,282	3,282	—	12	12
Korea, South	372	—	—	—	—	43	—	11,777	11,777	—	43	43
Malaysia	—	—	—	—	—	—	—	212	212	—	1	1
Mexico	—	—	—	—	—	—	—	4,393	4,393	—	16	16
Netherlands	—	—	—	—	—	—	—	509	509	—	2	2
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	951	3	—	3
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	461	3,434	11	2	13
Singapore	—	—	—	—	—	—	—	1,804	1,804	—	7	7
Sweden	—	—	—	—	—	—	—	190	190	—	1	1
Taiwan	—	—	—	—	—	—	—	115	115	—	0	0
United Kingdom	—	—	—	—	—	—	—	551	551	—	2	2
Vietnam	—	—	—	—	—	—	—	—	3,788	14	—	14
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	12	0	0	0	—	20,065	34,920	54	73	127
Total	372	—	320	299	846	103	—	57,647	355,561	1,091	211	1,302
Persian Gulf ³	—	—	—	—	—	—	—	—	113,919	417	—	417

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, September 2013
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	94	2,282	598	1	–	2,975	99
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	453	2,129	10,579	380	396	13,937	465
Pentanes Plus	300	1,599	652	346	92	2,989	100
Liquefied Petroleum Gases	153	530	9,927	34	304	10,947	365
Ethane/Ethylene	–	–	–	–	–	–	–
Propane/Propylene	126	199	9,412	4	299	10,040	335
Normal Butane/Butylene	27	331	515	29	5	907	30
Isobutane/Isobutylene	–	–	–	–	–	–	–
Other Liquids	156	1,190	4,847	–	387	6,579	219
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	152	768	2,527	–	97	3,543	118
Hydrogen	–	–	–	–	–	–	–
Oxygenates (excluding Fuel Ethanol)	1	0	1,874	–	1	1,876	63
Methyl Tertiary Butyl Ether (MTBE)	–	–	1,499	–	–	1,499	50
Other Oxygenates	1	0	375	–	1	377	13
Renewable Fuels (including Fuel Ethanol) ...	151	767	653	–	96	1,667	56
Fuel Ethanol ²	150	629	432	–	77	1,288	43
Biomass-Based Diesel	1	139	221	–	19	380	13
Other Renewable Diesel	–	–	–	–	–	–	–
Other Renewable Fuels	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	4	422	2,319	–	290	3,036	101
Reformulated	1	–	809	–	3	814	27
Conventional	3	422	1,510	–	287	2,222	74
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	6,514	1,610	67,588	34	9,687	85,433	2,848
Finished Motor Gasoline	26	4	9,739	0	1,128	10,897	363
Reformulated	–	–	–	–	–	–	–
Conventional	26	4	9,739	0	1,128	10,897	363
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	4	88	3,015	–	1,111	4,217	141
Kerosene	3	–	1	–	2	5	0
Distillate Fuel Oil	4,396	50	33,450	0	3,382	41,279	1,376
15 ppm sulfur and under ³	3,790	0	28,103	0	2,538	34,431	1,148
Greater than 15 ppm to 500 ppm sulfur ³	606	4	3,197	–	3	3,809	127
Greater than 500 ppm sulfur	0	46	2,151	–	842	3,039	101
Residual Fuel Oil	1,270	291	6,746	5	487	8,798	293
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	–	–	–	–	–
Special Naphthas	1	0	1,515	10	1	1,526	51
Lubricants	184	190	1,649	11	172	2,207	74
Waxes	66	41	73	0	5	185	6
Petroleum Coke	344	746	10,944	0	3,300	15,335	511
Asphalt and Road Oil	206	199	444	7	96	953	32
Miscellaneous Products	16	1	12	–	2	31	1
Total	7,218	7,211	83,611	415	10,470	108,925	3,631

– = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-September 2013
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	9,606	11,825	6,608	10	267	28,318	104
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	2,821	34,819	72,880	4,054	3,791	118,364	434
Pentanes Plus	667	30,411	993	3,596	974	36,639	134
Liquefied Petroleum Gases	2,154	4,408	71,887	459	2,817	81,725	299
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	1,127	1,252	67,825	28	2,540	72,773	267
Normal Butane/Butylene	1,027	3,156	4,062	431	277	8,952	33
Isobutane/Isobutylene	—	—	—	—	—	—	—
Other Liquids	729	7,687	49,275	52	4,372	62,115	228
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	652	6,854	21,368	52	917	29,843	109
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	17	3	16,521	0	15	16,556	61
Methyl Tertiary Butyl Ether (MTBE)	8	—	12,732	—	2	12,742	47
Other Oxygenates	8	3	3,789	0	14	3,814	14
Renewable Fuels (including Fuel Ethanol) ...	636	6,851	4,847	52	902	13,288	49
Fuel Ethanol ²	619	5,346	3,665	19	375	10,024	37
Biomass-Based Diesel	17	1,505	1,182	33	527	3,264	12
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	76	833	27,908	0	3,455	32,272	118
Reformulated	17	1	6,602	—	1,470	8,089	30
Conventional	60	832	21,306	0	1,985	24,182	89
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	54,690	13,648	560,427	514	92,837	722,116	2,645
Finished Motor Gasoline	1,411	1,051	90,579	5	9,259	102,305	375
Reformulated	—	—	—	—	—	—	—
Conventional	1,411	1,051	90,579	5	9,259	102,305	375
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	651	1,796	30,347	4	8,357	41,156	151
Kerosene	65	1	1,053	4	39	1,161	4
Distillate Fuel Oil	32,356	729	229,104	59	31,340	293,589	1,075
15 ppm sulfur and under ³	17,908	45	178,172	1	22,089	218,214	799
Greater than 15 ppm to 500 ppm sulfur ³	6,992	259	27,641	58	5,576	40,526	148
Greater than 500 ppm sulfur	7,457	426	23,292	—	3,675	34,849	128
Residual Fuel Oil	9,887	2,175	82,523	112	6,227	100,925	370
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	382	85	11,605	190	225	12,487	46
Lubricants	1,702	1,609	14,545	87	1,602	19,544	72
Waxes	681	329	428	5	58	1,502	6
Petroleum Coke	5,825	4,983	97,035	1	34,699	142,543	522
Asphalt and Road Oil	1,596	882	3,074	47	1,014	6,613	24
Miscellaneous Products	134	7	134	—	17	291	1
Total	67,845	67,979	689,191	4,631	101,267	930,913	3,410

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, September 2013
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	0	0	—	—	118	118	—	—	—
Australia	—	0	0	—	—	0	0	—	0	0
Bahamas	—	—	23	—	—	875	875	0	314	315
Bahrain	—	—	—	—	—	1	1	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	0	0	—	—	—
Brazil	—	4	1,238	—	—	—	—	—	—	—
Canada	2,975	2,324	654	—	—	348	348	0	1,408	1,408
Cayman Islands	—	—	—	—	—	36	36	—	—	—
Chile	—	—	0	—	—	—	—	—	0	0
China	—	1	—	—	—	—	—	—	30	30
Colombia	—	483	—	—	—	916	916	0	—	0
Costa Rica	—	—	80	—	—	520	520	—	0	0
Denmark	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	679	—	—	169	169	0	0	0
Ecuador	—	—	845	—	—	267	267	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	248	248	—	0	0
Finland	—	—	—	—	—	—	—	—	—	—
France	—	7	—	—	—	—	—	—	—	—
Germany	—	0	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	0	0	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	525	—	—	372	372	—	23	23
Honduras	—	—	241	—	—	282	282	—	51	51
Hong Kong	—	—	—	—	—	—	—	—	—	—
India	—	0	—	—	—	—	—	—	—	—
Indonesia	—	0	—	—	—	1	1	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Jamaica	—	0	47	—	—	100	100	—	—	—
Japan	—	0	1,150	—	—	1	1	0	—	0
Korea, South	—	3	524	—	—	0	0	0	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	33	1,061	—	—	4,282	4,282	807	392	1,200
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	31	2,677	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—
Nicaragua	—	0	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	315	315	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	40	—	—	763	763	—	—	—
Peru	—	0	0	—	—	202	202	—	—	—
Philippines	—	—	—	—	—	0	0	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	1	—	—	—	0	0	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	274	274	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—
South Africa	—	0	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—	—	—
Taiwan	—	100	—	—	—	—	—	—	—	—
Thailand	—	—	—	—	—	0	0	—	0	0
Trinidad and Tobago	—	0	—	—	—	—	—	—	0	0
Turkey	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	0	0	—	—	—	—	—	—	—
United Kingdom	—	0	1	—	—	1	1	—	—	—
Venezuela	—	1	—	—	—	254	254	—	—	—
Other	—	1	1,162	—	—	552	552	7	4	9
Total	2,975	2,989	10,947	—	—	10,897	10,897	814	2,222	3,036

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, September 2013
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	0	—	—	—	1,124	283	145	—	1,552
Australia	—	0	—	6	—	—	0	0	—	—	0
Bahamas	—	—	—	—	—	—	34	—	550	—	584
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	8	0	0	—	—	—	1,193	—	275	—	1,468
Belize	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	1,515	619	—	—	2,135
Canada	—	0	706	157	—	—	438	4	99	—	542
Cayman Islands	—	—	—	0	—	—	40	—	46	—	86
Chile	138	—	1	—	—	—	1,563	—	—	—	1,563
China	—	—	—	—	—	—	—	0	—	—	0
Colombia	—	—	—	—	—	—	2,654	—	—	—	2,654
Costa Rica	—	0	0	—	—	—	312	—	—	—	312
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	205	—	—	—	205
Ecuador	—	0	—	—	—	—	1,787	—	—	—	1,787
Egypt	—	0	1	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	—	—	—	5	—	5
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	0	1	—	—	—	2,887	—	—	—	2,887
Germany	—	—	1	—	—	—	—	0	—	—	0
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	135	—	—	1,301	—	90	—	1,391
Greece	—	—	0	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	6	—	363	—	369
Honduras	—	—	—	—	—	—	4	—	84	—	88
Hong Kong	—	0	—	—	—	—	—	—	—	—	—
India	—	0	—	—	—	—	0	—	—	—	0
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	0	—	—	—	—	—	—	—	—
Israel	—	0	0	—	—	—	—	—	—	—	—
Italy	—	—	0	—	—	—	—	0	—	—	0
Jamaica	—	—	63	—	—	—	0	—	—	—	0
Japan	—	376	0	—	—	—	—	—	—	—	—
Korea, South	—	0	34	—	—	—	—	0	—	—	0
Lebanon	—	—	—	—	—	—	—	—	—	—	—
Mexico	577	0	62	0	—	—	3,021	6	0	—	3,028
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	316	—	—	—	316
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	6	—	—	—	9,414	1,718	—	—	11,132
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	—	0	—	—	—	0
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	73	—	—	—	325	—	—	—	325
Pakistan	—	0	0	—	—	—	—	—	—	—	—
Panama	—	0	—	—	—	—	736	—	287	—	1,023
Peru	—	0	70	10	—	—	998	252	—	—	1,250
Philippines	—	—	130	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	1	—	—	—	—	0	—	—	0
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	1	—	—	—	1
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	1	—	—	—	—	0	784	—	784
South Africa	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	0	70	—	—	392	—	—	—	392
Switzerland	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	0	0	—	—	—	—	0	—	—	0
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	1,980	1	—	—	1,981
United Arab Emirates	—	—	135	0	—	—	—	—	—	—	—
United Kingdom	—	0	0	—	—	—	921	—	—	—	921
Venezuela	761	0	—	—	—	—	528	—	—	—	528
Other	15	1	3	2	—	—	736	926	311	—	1,970
Total	1,499	377	1,288	380	—	—	34,431	3,809	3,039	—	41,279

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, September 2013
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	31	—	—	—	—
Australia	—	—	—	—	0	—	—	—
Bahamas	0	—	—	51	—	267	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	0	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	0	—	—	—	138	121	—	—
Canada	2	—	—	1,044	10	1,081	—	—
Cayman Islands	—	—	—	—	0	—	—	—
Chile	—	—	—	—	0	—	—	—
China	—	—	—	—	0	0	—	—
Colombia	0	—	—	180	170	—	—	—
Costa Rica	0	—	—	90	—	—	—	—
Denmark	—	—	—	—	—	0	—	—
Dominican Republic	—	—	—	99	0	22	—	—
Ecuador	—	—	—	40	—	210	—	—
Egypt	—	—	—	—	0	284	—	—
El Salvador	—	—	—	40	0	221	—	—
Finland	—	—	—	313	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	369	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	0	—	—	112	—	35	—	—
Honduras	0	—	—	42	—	580	—	—
Hong Kong	—	—	—	—	0	—	—	—
India	0	—	—	—	0	0	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	0	—	—	—	—	411	—	—
Japan	—	—	—	—	0	—	—	—
Korea, South	0	—	—	—	0	0	—	—
Lebanon	—	—	—	—	—	—	—	—
Mexico	1	—	—	88	932	785	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	1,466	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	0	—	—	—
Nicaragua	0	—	—	—	—	0	—	—
Nigeria	—	—	—	873	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	0	—	—	—
Panama	—	—	—	408	—	591	—	—
Peru	—	—	—	169	1	0	—	—
Philippines	—	—	—	—	0	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	0	0	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	0	—	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	0	1,514	—	—
South Africa	—	—	—	—	—	0	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	1	—	—	—
Trinidad and Tobago	0	—	—	—	0	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	0	—	—
United Kingdom	—	—	—	300	0	185	—	—
Venezuela	1	—	—	—	273	—	—	—
Other	1	—	—	337	1	656	—	—
Total	5	—	—	4,217	1,526	8,798	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, September 2013
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	0	0	51	0	1,753	1,753	—	58	58
Australia	0	245	0	37	0	290	290	—	10	10
Bahamas	—	—	2	2	—	2,118	2,118	—	71	71
Bahrain	—	—	—	0	—	1	1	—	0	0
Belgium	—	230	0	64	0	1,770	1,770	—	59	59
Belize	—	—	—	1	—	1	1	—	0	0
Brazil	1	1,518	112	333	1	5,600	5,600	—	187	187
Canada	98	716	342	278	7	9,717	12,692	99	324	423
Cayman Islands	—	—	2	2	—	126	126	—	4	4
Chile	5	0	55	100	0	1,863	1,863	—	62	62
China	13	2,374	6	55	1	2,479	2,479	—	83	83
Colombia	0	1	1	69	0	4,473	4,473	—	149	149
Costa Rica	0	167	—	17	0	1,187	1,187	—	40	40
Denmark	—	—	—	0	—	0	0	—	0	0
Dominican Republic	0	—	32	12	0	1,217	1,217	—	41	41
Ecuador	0	154	1	10	—	3,313	3,313	—	110	110
Egypt	—	0	—	0	—	285	285	—	10	10
El Salvador	0	—	—	21	—	534	534	—	18	18
Finland	—	—	—	8	—	321	321	—	11	11
France	0	289	—	46	—	3,230	3,230	—	108	108
Germany	1	330	1	5	1	339	339	—	11	11
Ghana	—	—	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	1,895	1,895	—	63	63
Greece	—	268	0	0	—	268	268	—	9	9
Guatemala	—	172	0	25	—	1,634	1,634	—	54	54
Honduras	—	—	—	11	—	1,294	1,294	—	43	43
Hong Kong	0	—	3	2	0	5	5	—	0	0
India	3	363	0	141	0	507	507	—	17	17
Indonesia	0	0	2	1	—	3	3	—	0	0
Ireland	—	—	—	0	—	0	0	—	0	0
Israel	0	339	—	2	—	342	342	—	11	11
Italy	0	406	—	0	—	407	407	—	14	14
Jamaica	—	—	—	9	0	631	631	—	21	21
Japan	1	1,497	0	13	3	3,041	3,041	—	101	101
Korea, South	1	814	3	3	0	1,383	1,383	—	46	46
Lebanon	—	—	—	1	—	1	1	—	0	0
Mexico	35	1,628	131	341	12	14,196	14,196	—	473	473
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	148	—	12	0	477	477	—	16	16
Mozambique	—	82	—	—	—	82	82	—	3	3
Netherlands	24	572	0	2	2	15,913	15,913	—	530	530
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	—	211	1	—	212	212	—	7	7
Nicaragua	—	—	—	7	—	8	8	—	0	0
Nigeria	—	—	—	95	—	1,283	1,283	—	43	43
Norway	—	125	—	1	—	523	523	—	17	17
Pakistan	—	—	—	0	0	0	0	—	0	0
Panama	0	—	—	15	—	2,841	2,841	—	95	95
Peru	0	0	0	64	0	1,768	1,768	—	59	59
Philippines	0	—	—	1	0	132	132	—	4	4
Portugal	—	—	—	0	—	0	0	—	0	0
Puerto Rico	0	—	—	12	0	16	16	—	1	1
Romania	—	—	—	0	—	0	0	—	0	0
Saudi Arabia	—	112	—	11	—	399	399	—	13	13
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	0	0	100	0	2,400	2,400	—	80	80
South Africa	0	46	1	73	—	120	120	—	4	4
Spain	1	265	—	2	—	730	730	—	24	24
Switzerland	—	—	—	0	—	0	0	—	0	0
Taiwan	0	0	0	10	0	111	111	—	4	4
Thailand	0	—	12	5	0	18	18	—	1	1
Trinidad and Tobago	0	0	—	9	—	9	9	—	0	0
Turkey	0	1,656	1	1	—	3,639	3,639	—	121	121
United Arab Emirates	0	0	0	33	0	169	169	—	6	6
United Kingdom	1	440	0	12	0	1,861	1,861	—	62	62
Venezuela	0	—	0	18	—	1,835	1,835	—	61	61
Other	1	378	35	63	4	5,180	5,180	—	173	173
Total	185	15,335	953	2,207	31	105,950	108,925	99	3,532	3,631

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-September 2013
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	1	1	—	—	1,675	1,675	—	0	0
Australia	—	2	5	—	—	302	302	—	0	0
Bahamas	—	1	157	—	—	2,602	2,602	7	958	965
Bahrain	—	—	—	—	—	2	2	—	0	0
Belgium	—	3	256	—	—	—	—	—	19	19
Belize	—	—	—	—	—	0	0	—	1	1
Brazil	—	24	10,364	—	—	1,626	1,626	—	3,162	3,162
Canada	28,052	35,492	6,673	—	—	6,112	6,112	1,453	6,224	7,677
Cayman Islands	—	0	20	—	—	271	271	0	0	0
Chile	—	1	5,681	—	—	1,207	1,207	—	86	86
China	267	13	1	—	—	328	328	—	34	34
Colombia	—	485	1	—	—	3,575	3,575	0	1,516	1,516
Costa Rica	—	1	270	—	—	2,509	2,509	—	2,297	2,297
Denmark	—	0	—	—	—	—	—	—	—	—
Dominican Republic	—	0	6,183	—	—	319	319	1	0	2
Ecuador	—	1	3,222	—	—	4,194	4,194	—	139	139
Egypt	—	0	—	—	—	303	303	—	—	—
El Salvador	—	0	—	—	—	579	579	0	0	0
Finland	—	0	—	—	—	12	12	—	—	—
France	—	97	424	—	—	1	1	0	275	275
Germany	—	2	0	—	—	0	0	1	1	1
Ghana	—	—	286	—	—	650	650	—	—	—
Gibraltar	—	—	575	—	—	—	—	—	—	—
Greece	—	0	—	—	—	0	0	—	—	—
Guatemala	—	0	597	—	—	3,135	3,135	0	484	484
Honduras	—	0	3,649	—	—	1,219	1,219	—	51	51
Hong Kong	—	0	—	—	—	—	—	0	1	1
India	—	2	0	—	—	—	—	0	0	1
Indonesia	—	1	—	—	—	7	7	—	—	—
Ireland	—	—	0	—	—	—	—	—	0	0
Israel	—	0	2	—	—	11	11	140	—	140
Italy	—	0	—	—	—	—	—	—	—	—
Jamaica	—	0	472	—	—	494	494	—	0	0
Japan	—	16	7,245	—	—	693	693	0	1	2
Korea, South	—	6	525	—	—	31	31	1	1	2
Lebanon	—	0	—	—	—	—	—	—	—	—
Mexico	—	170	10,794	—	—	46,336	46,336	6,238	7,129	13,367
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	506	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	182	10,869	—	—	171	171	—	13	13
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	1	—	—	263	263	—	0	0
Nicaragua	—	1	0	—	—	0	0	—	—	—
Nigeria	—	1	—	—	—	3,712	3,712	—	0	0
Norway	—	0	3	—	—	1	1	—	0	0
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	0	5,593	—	—	7,737	7,737	0	186	186
Peru	—	0	0	—	—	846	846	—	464	464
Philippines	—	—	—	—	—	1	1	0	0	0
Portugal	—	—	304	—	—	—	—	—	—	—
Puerto Rico	—	5	3	—	—	21	21	1	18	18
Romania	—	—	—	—	—	0	0	—	—	—
Saudi Arabia	—	14	—	—	—	275	275	1	0	1
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	1	1	—	—	631	631	6	0	6
South Africa	—	0	—	—	—	37	37	—	—	—
Spain	—	—	0	—	—	31	31	—	—	—
Switzerland	—	—	334	—	—	—	—	—	0	0
Taiwan	—	103	—	—	—	1	1	—	0	0
Thailand	—	0	0	—	—	9	9	—	0	0
Trinidad and Tobago	—	1	—	—	—	3	3	0	0	0
Turkey	—	1	—	—	—	—	—	2	—	2
United Arab Emirates	—	2	2	—	—	391	391	1	1	1
United Kingdom	—	0	750	—	—	8	8	0	0	0
Venezuela	—	3	3,123	—	—	5,874	5,874	—	343	343
Other	0	7	2,833	—	—	4,100	4,100	237	778	1,016
Total	28,318	36,639	81,725	—	—	102,305	102,305	8,089	24,182	32,272

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-September 2013
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	2	—	—	—	7,448	2,299	375	—	10,123
Australia	—	0	1	92	—	—	0	0	—	—	0
Bahamas	—	1	1	—	—	—	1,554	179	1,741	—	3,474
Bahrain	—	—	0	—	—	—	—	—	—	—	—
Belgium	103	1	2	—	—	—	5,561	898	2,031	—	8,490
Belize	—	0	0	—	—	—	—	—	—	—	—
Brazil	—	0	676	0	—	—	8,005	3,799	4,235	—	16,039
Canada	—	1	5,757	1,727	—	—	2,020	2,887	1,709	—	6,616
Cayman Islands	—	—	—	0	—	—	333	0	396	—	730
Chile	1,051	0	8	—	—	—	25,900	1,284	275	—	27,459
China	3	0	2	—	—	—	18	1	0	—	20
Colombia	—	0	35	—	—	—	19,531	501	220	—	20,253
Costa Rica	—	0	1	—	—	—	5,338	—	173	—	5,511
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	1	—	—	—	987	921	1,076	—	2,985
Ecuador	—	0	50	—	—	—	8,374	1,992	276	—	10,641
Egypt	—	0	5	—	—	—	—	—	286	—	286
El Salvador	—	0	0	—	—	—	—	297	284	—	582
Finland	—	0	123	—	—	—	—	—	—	—	—
France	—	1	2	—	—	—	18,922	1,300	266	—	20,488
Germany	0	0	6	—	—	—	845	0	—	—	846
Ghana	—	—	0	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	241	—	—	8,176	2,868	2,843	—	13,887
Greece	—	—	0	—	—	—	488	0	—	—	488
Guatemala	—	0	0	—	—	—	812	1,186	1,046	—	3,044
Honduras	—	—	—	—	—	—	129	1,321	339	—	1,789
Hong Kong	—	3	8	0	—	—	300	—	0	—	300
India	0	2	3	—	—	—	0	0	—	—	0
Indonesia	—	0	—	—	—	—	—	—	—	—	—
Ireland	—	—	5	—	—	—	99	—	—	—	99
Israel	—	0	3	—	—	—	0	—	—	—	0
Italy	—	0	1	—	—	—	1,618	1	—	—	1,619
Jamaica	—	—	170	—	—	—	85	109	241	—	436
Japan	—	3,755	0	—	—	—	2	0	1	—	3
Korea, South	1	1	39	—	—	—	0	0	—	—	0
Lebanon	—	—	0	—	—	—	—	253	—	—	253
Mexico	5,553	38	576	0	—	—	26,875	4,683	56	—	31,614
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	2,323	—	—	—	2,323
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	194	—	—	—	33,172	4,193	1,823	—	39,188
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	0	—	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	—	0	2	—	—	3
Nigeria	—	—	0	0	—	—	—	0	—	—	0
Norway	—	—	148	—	—	—	333	—	—	—	333
Pakistan	—	0	0	—	—	—	—	—	—	—	—
Panama	—	0	1	—	—	—	6,277	4,098	4,748	—	15,123
Peru	—	0	529	21	—	—	12,787	252	—	—	13,039
Philippines	—	0	692	0	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	2	34	—	—	—	230	0	—	—	230
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	5	0	4	—	—	—	9	—	—	—	9
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	3	4	—	—	—	1	275	2,641	—	2,917
South Africa	—	0	0	—	—	—	—	—	—	—	—
Spain	0	0	0	560	—	—	1,931	60	—	—	1,991
Switzerland	—	—	0	—	—	—	—	—	—	—	—
Taiwan	—	0	1	52	—	—	3	0	—	—	3
Thailand	—	0	—	—	—	—	7	—	—	—	7
Trinidad and Tobago	—	—	0	32	—	—	—	—	—	—	—
Turkey	—	0	1	—	—	—	7,105	8	50	—	7,164
United Arab Emirates	—	0	773	0	—	—	2	0	—	—	2
United Kingdom	—	0	138	0	—	—	2,872	0	—	—	2,872
Venezuela	5,931	0	0	—	—	—	1,292	1,526	2,889	—	5,707
Other	95	6	28	539	—	—	6,450	3,333	4,829	—	14,603
Total	12,742	3,814	10,024	3,264	—	—	218,214	40,526	34,849	—	293,589

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-September 2013
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	0	—	—	63	73	186	—	—
Australia	1	—	—	—	1	1	—	—
Bahamas	1	—	—	442	375	2,768	—	—
Bahrain	0	—	—	—	—	—	—	—
Belgium	—	—	—	27	0	122	—	—
Belize	1	—	—	0	—	0	—	—
Brazil	0	—	—	1,240	977	121	—	—
Canada	883	—	—	13,689	629	9,255	—	—
Cayman Islands	2	—	—	41	0	—	—	—
Chile	1	—	—	826	2	315	—	—
China	6	—	—	1	596	224	—	—
Colombia	1	—	—	667	3,080	0	—	—
Costa Rica	1	—	—	1,008	3	514	—	—
Denmark	—	—	—	—	0	0	—	—
Dominican Republic	2	—	—	760	198	585	—	—
Ecuador	—	—	—	56	1	1,048	—	—
Egypt	1	—	—	—	0	3,388	—	—
El Salvador	1	—	—	315	0	544	—	—
Finland	0	—	—	313	1	—	—	—
France	0	—	—	275	0	0	—	—
Germany	0	—	—	0	0	0	—	—
Ghana	49	—	—	47	—	—	—	—
Gibraltar	—	—	—	911	—	4,933	—	—
Greece	—	—	—	18	0	—	—	—
Guatemala	0	—	—	480	0	320	—	—
Honduras	0	—	—	367	0	3,245	—	—
Hong Kong	2	—	—	—	0	0	—	—
India	0	—	—	—	58	0	—	—
Indonesia	—	—	—	—	0	100	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	1,650	5	0	—	—
Italy	—	—	—	—	0	0	—	—
Jamaica	0	—	—	—	2	2,651	—	—
Japan	0	—	—	—	556	1	—	—
Korea, South	1	—	—	0	304	0	—	—
Lebanon	0	—	—	—	—	407	—	—
Mexico	19	—	—	730	1,364	8,595	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	2,207	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	2	—	—	2,535	615	8,316	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	0	0	—	—
Nicaragua	0	—	—	0	—	0	—	—
Nigeria	179	—	—	6,193	0	—	—	—
Norway	—	—	—	171	—	—	—	—
Pakistan	—	—	—	—	0	—	—	—
Panama	0	—	—	3,617	0	9,688	—	—
Peru	0	—	—	489	155	2	—	—
Philippines	0	—	—	—	2	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	0	—	—	—	7	1	—	—
Romania	0	—	—	—	—	—	—	—
Saudi Arabia	0	—	—	—	15	1	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	2	—	—	—	110	30,390	—	—
South Africa	—	—	—	67	0	0	—	—
Spain	0	—	—	—	0	75	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	1	—	—	—	2,088	0	—	—
Thailand	—	—	—	—	1	0	—	—
Trinidad and Tobago	0	—	—	0	1	0	—	—
Turkey	0	—	—	—	—	51	—	—
United Arab Emirates	0	—	—	—	3	2,046	—	—
United Kingdom	1	—	—	2,555	36	1,663	—	—
Venezuela	1	—	—	100	1,225	574	—	—
Other	3	—	—	1,503	4	6,588	—	—
Total	1,161	—	—	41,156	12,487	100,925	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-September 2013
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	4	1	3	391	0	12,522	12,522	—	46	46
Australia	2	1,950	3	203	1	2,562	2,562	—	9	9
Bahamas	0	—	12	13	1	10,813	10,813	—	40	40
Bahrain	0	563	—	13	—	578	578	—	2	2
Belgium	11	1,719	3	1,339	0	12,094	12,094	—	44	44
Belize	—	1	—	10	—	13	13	—	0	0
Brazil	6	9,062	351	2,508	7	46,163	46,163	—	169	169
Canada	930	8,350	1,822	2,291	47	107,953	136,005	103	395	498
Cayman Islands	—	—	8	13	—	1,084	1,084	—	4	4
Chile	34	867	926	783	0	39,247	39,247	—	144	144
China	34	28,553	143	372	6	30,337	30,603	1	111	112
Colombia	2	8	4	740	3	30,370	30,370	—	111	111
Costa Rica	0	336	188	151	0	12,789	12,789	—	47	47
Denmark	1	677	1	0	0	679	679	—	2	2
Dominican Republic	1	904	348	121	1	12,410	12,410	—	45	45
Ecuador	1	479	26	372	0	20,230	20,230	—	74	74
Egypt	1	245	4	7	0	4,240	4,240	—	16	16
El Salvador	0	—	—	198	—	2,218	2,218	—	8	8
Finland	0	—	1	48	—	498	498	—	2	2
France	13	2,520	0	286	0	24,384	24,384	—	89	89
Germany	8	1,019	15	121	7	2,025	2,025	—	7	7
Ghana	0	—	0	3	—	1,035	1,035	—	4	4
Gibraltar	—	—	—	—	—	20,547	20,547	—	75	75
Greece	0	1,839	32	3	—	2,379	2,379	—	9	9
Guatemala	0	985	26	212	0	9,285	9,285	—	34	34
Honduras	0	462	94	99	—	10,976	10,976	—	40	40
Hong Kong	4	240	11	12	1	582	582	—	2	2
India	26	9,494	4	725	2	10,317	10,317	—	38	38
Indonesia	1	1	14	11	0	135	135	—	0	0
Ireland	—	499	48	0	2	653	653	—	2	2
Israel	0	1,961	0	538	0	4,310	4,310	—	16	16
Italy	3	5,487	2	123	—	7,236	7,236	—	27	27
Jamaica	—	—	0	159	3	4,387	4,387	—	16	16
Japan	11	16,846	9	214	27	29,378	29,378	—	108	108
Korea, South	3	1,915	53	66	3	2,951	2,951	—	11	11
Lebanon	—	1,438	—	9	—	2,107	2,107	—	8	8
Mexico	324	12,688	1,096	3,139	128	136,532	136,532	—	500	500
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	0	3,794	—	50	2	8,882	8,882	—	33	33
Mozambique	—	673	0	—	—	674	674	—	2	2
Netherlands	48	3,133	5	38	18	65,327	65,327	—	239	239
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	375	238	11	—	888	888	—	3	3
Nicaragua	—	2	29	57	—	92	92	—	0	0
Nigeria	—	61	2	613	—	10,761	10,761	—	39	39
Norway	0	859	3	4	—	1,522	1,522	—	6	6
Pakistan	0	0	0	2	0	3	3	—	0	0
Panama	1	723	118	225	0	43,012	43,012	—	158	158
Peru	1	170	1	583	1	16,302	16,302	—	60	60
Philippines	1	—	0	14	2	712	712	—	3	3
Portugal	0	443	—	1	—	749	749	—	3	3
Puerto Rico	0	—	0	122	1	444	444	—	2	2
Romania	—	673	0	2	—	675	675	—	2	2
Saudi Arabia	0	393	—	115	1	834	834	—	3	3
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	1	185	765	1	35,017	35,017	—	128	128
South Africa	6	644	2	205	—	962	962	—	4	4
Spain	4	3,664	80	15	0	6,421	6,421	—	24	24
Switzerland	0	—	0	0	0	335	335	—	1	1
Taiwan	10	767	9	42	2	3,077	3,077	—	11	11
Thailand	1	306	65	52	2	444	444	—	2	2
Trinidad and Tobago	0	0	0	277	1	315	315	—	1	1
Turkey	0	8,865	1	14	—	16,099	16,099	—	59	59
United Arab Emirates	0	361	5	198	0	3,785	3,785	—	14	14
United Kingdom	3	993	73	38	1	9,133	9,133	—	33	33
Venezuela	1	566	0	243	1	23,693	23,693	—	87	87
Other	6	3,968	550	565	19	36,418	36,418	—	134	134
Total	1,502	142,543	6,613	19,544	291	902,595	930,913	104	3,306	3,410

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2013
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,690	0	-28	112	-	-37	-37	-	70	70
Algeria	27	-	-	95	-	-	-	-	-	-
Angola	226	-	-	-	-	-	-	-	-	-
Ecuador	250	-	-28	-	-	-9	-9	-	5	5
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	287	-	-	-	-	-	-	-	-	-
Kuwait	299	0	-	-	-	-	-	-	-	-
Libya	35	-	-	-	-	-	-	-	-	-
Nigeria	249	-	-	-	-	-11	-11	-	38	38
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,539	-	-	17	-	-9	-9	-	-	-
United Arab Emirates	-	0	0	-	-	-	-	-	-	-
Venezuela	777	0	-	-	-	-8	-8	-	27	27
Non-OPEC	4,122	-74	-228	651	-	-286	-286	161	166	327
Argentina	34	0	0	-	-	-4	-4	-	-	-
Aruba	-	-	-39	-	-	-1	-1	-	-	-
Australia	-	0	0	-	-	0	0	-	0	0
Bahamas	-	-	-1	9	-	-29	-29	0	-10	-10
Bahrain	-	-	-	-	-	0	0	-	-	-
Belgium	-	-	-	52	-	8	8	11	3	14
Brazil	188	0	-41	-	-	-	-	-	2	2
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	2,432	-77	84	12	-	-2	-2	97	22	119
Chad	76	-	-	-	-	-	-	-	-	-
China	-	0	-	-	-	-	-	-	-1	-1
Colombia	309	-16	-	-	-	-31	-31	0	-	0
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-21	-	-	-6	-6	0	0	0
Equatorial Guinea	17	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	0	-	8	-	3	3	-	8	8
Gabon	40	-	-	-	-	-	-	-	-	-
Germany	-	0	-	1	-	-	-	-	2	2
Guatemala	-	-	-18	-	-	-12	-12	-	-1	-1
Honduras	-	-	-8	-	-	-9	-9	-	-2	-2
India	-	0	-	31	-	-	-	-	-	-
Indonesia	37	0	-	-	-	0	0	-	-	-
Italy	-	-	-	5	-	-	-	-	32	32
Japan	-	0	-38	-	-	0	0	0	0	0
Korea, South	-	0	-17	-	-	1	1	0	5	5
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	0	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	0	0
Mexico	778	9	-34	-	-	-143	-143	-27	-2	-29
Netherlands	-	-1	-89	22	-	-	-	7	22	29
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	55	-	-	-	1	1	1
Oman	-	-	-	-	-	-	-	-	0	0
Panama	-	0	-1	-	-	-25	-25	-	-	-
Portugal	-	-	-	-	-	-	-	4	24	28
Puerto Rico	-	0	-	-	-	0	0	-	0	0
Russia	25	-	-	369	-	0	0	4	15	19
Spain	-	-	-	-	-	-	-	-	10	10
Sweden	-	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	12	0	-	-	-	-	-	-	0	0
United Kingdom	21	0	0	8	-	18	18	65	36	101
Vietnam	7	-	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	0	-	-	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	146	11	-5	78	-	-54	-54	-1	0	0
Total	7,812	-74	-257	763	-	-323	-323	161	237	398
Persian Gulf⁴	2,125	0	0	17	-	-9	-9	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2013
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-25	0	-5	0	-	-	-77	-	-	-	-77
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	0	-	-	-	-	-60	-	-	-	-60
Iran	-	0	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	-	-	-	0
United Arab Emirates	-	-	-5	0	-	-	-	-	-	-	-
Venezuela	-25	0	-	-	-	-	-17	-	-	-	-17
Non-OPEC	-25	-13	-15	10	20	-	-987	-126	-71	16	-1,167
Argentina	-	0	0	9	-	-	-37	-9	-5	-	-52
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	0	-	0	-	-	0	0	-	-	0
Bahamas	-	-	-	-	-	-	-1	-	-18	-	-19
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	0	-	-	-	-40	-	-9	-	-49
Brazil	-	-	23	-	-	-	-51	-21	-	5	-66
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-23	-4	-	-	68	1	22	-	90
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	0	-	-	0
Colombia	-	-	-	-	-	-	-88	-	-	-	-88
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-7	-	-	-	-7
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	2	-	-	-	-	-	-
France	-	0	0	-	-	-	-96	-	-	-	-96
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	0	4	-	-	-	0	-	-	0
Guatemala	-	-	-	-	-	-	0	-	-12	-	-12
Honduras	-	-	-	-	-	-	0	-	-3	-	-3
India	-	0	-	-	-	-	0	-	-	-	0
Indonesia	-	-	-	6	-	-	-	-	-	-	-
Italy	-	-	0	-	-	-	-	0	-	-	0
Japan	-	-13	0	-	-	-	-	-	-	-	-
Korea, South	-	0	-1	1	-	-	2	0	-	-	2
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	0	-	-	-	0
Mexico	-19	0	-2	0	-	-	-101	0	0	11	-90
Netherlands	-	-	0	-	-	-	-314	-57	-	-	-371
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-2	-	-	-	-11	-	-	-	-11
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	3	-	-	-25	-	-10	-	-34
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	-	0	-	-	0
Russia	-	-	-	-	-	-	-	0	2	-	2
Spain	-	-	0	-2	-	-	-13	-	-	-	-13
Sweden	-	-	-	-	-	-	-	-	1	-	1
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	0	0	-	-	-	-31	-	-	-	-31
Vietnam	-	0	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-11	-11	-	-	-22
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-6	0	-10	-7	18	-	-231	-29	-39	0	-298
Total	-50	-13	-19	10	20	-	-1,063	-126	-71	16	-1,244
Persian Gulf⁴	-	0	-5	0	-	-	0	-	-	-	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2013
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	-2	-8	7	1	0
Algeria	-	-	-	-	-	14	-	-
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-1	-	-7	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-29	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	1	-	-	-
United Arab Emirates	-	-	-	-	-	0	-	-
Venezuela	0	-	-	28	-9	-	1	0
Non-OPEC	10	0	-	-70	-29	-71	29	3
Argentina	-	-	-	-1	-	-	5	0
Aruba	0	-	-	-	-	-13	-	-
Australia	-	-	-	-	0	-	-	-
Bahamas	0	-	-	-2	-	2	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	0	3	-	-
Brazil	0	-	-	-	-5	16	3	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	0	0	-	-29	3	35	4	2
Chad	-	-	-	-	-	-	-	-
China	-	-	-	-	0	0	-	-
Colombia	0	-	-	-6	-6	5	-	-
Denmark	-	-	-	-	-	0	-	-
Dominican Republic	-	-	-	-3	0	-1	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-10	-	-	-	-
France	-	-	-	-	-	-	-	1
Gabon	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	0	-
Guatemala	0	-	-	-4	-	-1	-	-
Honduras	0	-	-	-1	-	-19	-	-
India	0	-	-	-	0	0	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-
Japan	10	-	-	-	8	-	-	-
Korea, South	0	-	-	34	1	0	5	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-
Mexico	0	-	-	-3	-31	-7	10	-
Netherlands	-	-	-	-	-	-43	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	0	-	-
Panama	-	-	-	-14	-	-20	-	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	-	-	-	0	0	-	-
Russia	-	-	-	-	0	43	-	-
Spain	-	-	-	-	-	8	-	-
Sweden	-	-	-	-	-	0	-	-
Trinidad and Tobago	0	-	-	-	0	14	-	-
United Kingdom	-	-	-	-10	0	-6	1	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-21	1	-87	1	0
Total	10	0	-	-72	-36	-64	30	3
Persian Gulf⁴	-	-	-	-	1	0	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2013
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-13	2	-5	0	-6	3,683
Algeria	—	—	0	0	—	110	136
Angola	—	—	—	0	—	0	226
Ecuador	0	-5	0	0	—	-105	145
Iran	—	—	—	—	—	0	0
Iraq	—	—	—	0	—	0	287
Kuwait	—	0	0	0	—	0	299
Libya	—	—	—	0	—	0	35
Nigeria	—	—	—	-3	—	-5	244
Qatar	—	-4	—	0	—	-4	-4
Saudi Arabia	—	-4	—	0	—	5	1,543
United Arab Emirates	0	0	0	-1	0	-6	-6
Venezuela	0	—	2	0	—	-1	776
Non-OPEC	-3	-493	7	-49	-1	-1,457	2,665
Argentina	0	3	0	-2	0	-41	-7
Aruba	—	—	—	0	—	-53	-53
Australia	0	-8	0	-1	0	-10	-10
Bahamas	—	—	0	0	—	-51	-51
Bahrain	—	—	—	3	—	3	3
Belgium	—	-8	0	-2	0	17	17
Brazil	0	-51	-4	-11	0	-133	55
Brunei	—	—	—	—	—	—	—
Cameroon	—	—	—	0	—	0	0
Canada	-2	-22	27	-2	0	217	2,649
Chad	—	—	—	—	—	—	76
China	0	-79	0	-2	0	-82	-82
Colombia	0	0	0	-2	0	-144	165
Denmark	—	—	—	0	—	0	0
Dominican Republic	0	—	-1	0	0	-39	-39
Equatorial Guinea	—	—	—	0	—	0	17
Estonia	—	—	—	—	—	—	—
Finland	—	—	—	0	—	-8	-8
France	0	-10	—	-1	—	-88	-88
Gabon	—	—	0	0	—	0	40
Germany	0	-11	0	0	0	-3	-3
Guatemala	—	-6	0	-1	—	-54	-54
Honduras	—	—	—	0	—	-43	-43
India	0	-12	0	-5	0	14	14
Indonesia	0	0	0	0	—	5	43
Italy	0	-14	—	0	—	24	24
Japan	1	-50	0	0	0	-82	-82
Korea, South	0	-27	0	7	0	11	11
Latvia	—	—	—	0	—	0	0
Lithuania	—	—	—	—	—	0	0
Malaysia	1	—	0	0	—	0	0
Mexico	-1	-54	-4	-11	0	-412	366
Netherlands	-1	-19	0	0	0	-473	-473
Netherlands Antilles	—	—	—	—	—	—	—
Norway	—	-4	—	0	—	39	39
Oman	—	0	—	0	—	0	0
Panama	0	—	—	0	—	-92	-92
Portugal	—	—	—	0	—	28	28
Puerto Rico	0	—	—	0	0	-1	-1
Russia	—	—	—	0	—	433	458
Spain	0	-9	—	0	—	-6	-6
Sweden	0	0	—	0	—	2	2
Trinidad and Tobago	0	0	—	0	—	13	25
United Kingdom	0	-15	0	0	0	67	87
Vietnam	0	—	0	0	—	0	7
Virgin Islands, U.S.	—	—	—	0	—	-22	-22
Yemen	—	—	—	0	—	0	0
Other	-1	-97	-11	-19	-1	-493	-347
Total	-3	-506	9	-54	-1	-1,464	6,349
Persian Gulf⁴	0	-7	0	2	0	-2	2,124

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-September 2013
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,551	1	-23	98	-	-55	-55	0	60	60
Algeria	32	1	-	70	-	-2	-2	0	1	1
Angola	223	-	-	9	-	-	-	-	-	-
Ecuador	234	0	-12	1	-	-15	-15	-	3	3
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	372	-	-	-	-	-	-	-	0	0
Kuwait	316	0	-	-	-	-	-	-	0	0
Libya	58	-	-	7	-	-	-	-	3	3
Nigeria	289	0	-	9	-	-14	-14	-	29	29
Qatar	-	0	0	-	-	0	0	-	1	1
Saudi Arabia	1,273	0	-	2	-	-1	-1	0	0	0
United Arab Emirates	-	0	0	-	-	-1	-1	0	0	0
Venezuela	753	0	-11	1	-	-22	-22	-	24	24
Non-OPEC	4,124	-98	-138	567	-	-274	-274	160	259	419
Argentina	16	0	0	-	-	-6	-6	-	1	1
Aruba	-	0	-10	-	-	0	0	0	0	0
Australia	2	0	0	-	-	-1	-1	-	0	0
Bahamas	-	0	-1	8	-	-10	-10	0	-1	-1
Bahrain	-	-	-	-	-	0	0	-	0	0
Belgium	-	0	-1	43	-	3	3	3	8	11
Brazil	116	0	-38	0	-	-6	-6	-	-7	-7
Brunei	-	0	-	-	-	-	-	-	-	-
Cameroon	0	-	-	3	-	0	0	0	-	0
Canada	2,442	-130	109	14	-	-10	-10	81	43	124
Chad	65	-	-	-	-	-	-	-	-	-
China	1	0	0	-	-	-1	-1	-	0	0
Colombia	392	-2	0	0	-	-13	-13	0	-6	-6
Denmark	-	0	-	1	-	-	-	-	0	0
Dominican Republic	-	0	-21	-	-	-1	-1	0	0	0
Equatorial Guinea	14	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	1	-	-	-	-	0	0
Finland	-	0	-	0	-	0	0	3	10	13
France	-	0	-2	8	-	2	2	9	9	18
Gabon	28	-	-	-	-	-	-	-	-	-
Germany	-	0	0	1	-	0	0	1	2	4
Guatemala	6	0	-2	-	-	-11	-11	0	-2	-2
Honduras	-	0	-13	-	-	-4	-4	-	0	0
India	-	0	0	17	-	2	2	2	47	49
Indonesia	15	0	-	-	-	0	0	-	-	-
Italy	-	0	0	5	-	-	-	1	8	8
Japan	-	0	-27	-	-	-2	-2	0	1	1
Korea, South	-	0	-2	1	-	6	6	0	4	4
Latvia	-	-	-	-	-	0	0	1	6	7
Lithuania	-	0	-	-	-	1	1	-	3	3
Malaysia	-	0	-	-	-	0	0	-	1	1
Mexico	825	18	-38	0	-	-170	-170	-23	-21	-44
Netherlands	2	-1	-39	13	-	5	5	22	35	58
Netherlands Antilles	-	-	-	-	-	-	-	-	1	1
Norway	10	0	0	23	-	0	0	3	11	14
Oman	3	-	-	-	-	-	-	-	0	0
Panama	-	0	-20	-	-	-28	-28	0	0	0
Portugal	-	-	-1	1	-	-	-	3	11	14
Puerto Rico	-	0	0	-	-	0	0	0	0	0
Russia	45	0	0	369	-	0	0	2	17	18
Spain	-	-	0	2	-	0	0	0	26	26
Sweden	-	0	0	1	-	0	0	0	3	3
Trinidad and Tobago	10	0	0	3	-	0	0	0	2	2
United Kingdom	26	0	-3	8	-	10	10	51	48	100
Vietnam	14	-	0	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	0	-	-	-	-1	-1	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	92	17	-29	45	-	-39	-39	1	-1	-1
Total	7,675	-97	-162	665	-	-330	-330	160	319	479
Persian Gulf⁴	1,962	0	0	2	-	-2	-2	0	1	1

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-September 2013
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-22	0	-3	0	-	-	-35	-13	-17	-	-65
Algeria	-	-	-	-	-	-	-	-	-6	-	-6
Angola	-	-	0	-	-	-	-	-	-	-	-
Ecuador	-	0	0	-	-	-	-31	-7	-1	-	-39
Iran	-	0	-	-	-	-	-	-	-	-	-
Iraq	-	-	0	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	0	0	0	-	-	-	-	-	0	-	0
Nigeria	-	-	0	0	-	-	-	0	-	-	0
Qatar	-	-	-	-	-	-	-	0	-	-	0
Saudi Arabia	0	0	0	-	-	-	0	-	-	-	0
United Arab Emirates	-	0	-3	0	-	-	0	0	-	-	0
Venezuela	-22	0	0	-	-	-	-5	-6	-11	-	-21
Non-OPEC	-24	-14	-8	0	11	-	-676	-126	-60	10	-852
Argentina	-	0	0	2	-	-	-27	-8	-1	-	-37
Aruba	-	-	0	-	1	-	-1	-	-	-	-1
Australia	-	0	0	0	-	-	0	0	-	-	0
Bahamas	-	0	0	-	-	-	-6	-1	-5	-	-12
Bahrain	-	-	0	-	-	-	-	-	-	-	-
Belgium	0	0	0	-	-	-	-20	-3	-6	-	-29
Brazil	-	0	18	0	-	-	-29	-13	-15	1	-57
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-21	-5	0	-	74	-8	28	2	97
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	0	-	-	-	1	0	0	-	1
Colombia	-	0	0	-	-	-	-72	-2	1	-	-72
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-4	-3	-4	-	-11
Equatorial Guinea	-	-	-	0	-	-	0	0	0	-	0
Estonia	-	-	0	-	-	-	-	-	-	-	-
Finland	-	0	0	-	2	-	-	-	-	-	-
France	-	0	1	-	-	-	-69	-4	0	-	-74
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	0	0	0	3	-	-	-3	0	0	-	-3
Guatemala	-	0	0	-	-	-	-3	-4	-4	-	-11
Honduras	-	-	-	-	-	-	0	-5	-1	-	-7
India	0	0	0	-	-	-	0	0	-	-	0
Indonesia	-	0	-	4	-	-	-	-	-	-	-
Italy	-	0	0	-	-	-	-6	0	-	-	-6
Japan	-	-14	0	-	-	-	4	0	0	-	4
Korea, South	0	0	0	1	-	-	1	0	-	-	1
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	0	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-2	-	-	0	-	-	-	0
Mexico	-20	0	-2	0	-	-	-98	-17	1	4	-111
Netherlands	1	0	-1	0	0	-	-122	-15	-6	-	-143
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-1	0	-	-	-1	-	-	-	-1
Oman	-	-	0	-	-	-	-	0	-	-	0
Panama	-	0	0	0	-	-	-23	-15	-17	-	-55
Portugal	-	-	-	-	0	-	-	-	-	-	-
Puerto Rico	0	0	0	-	-	-	-1	0	-	-	-1
Russia	-	0	0	-	-	-	0	5	6	3	14
Spain	0	0	0	-2	-	-	-7	0	-	-	-7
Sweden	-	-	-	-	-	-	-	-	0	-	0
Trinidad and Tobago	-	-	0	0	-	-	-	-	-	-	-
United Kingdom	-	0	-1	0	-	-	-11	0	1	-	-10
Vietnam	-	0	0	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	-	-	-	-	-10	-3	-6	-	-19
Yemen	-	-	0	-	-	-	-	-	-	-	-
Other	-5	0	-1	-1	8	-	-243	-30	-32	0	-302
Total	-46	-14	-11	0	11	-	-711	-139	-77	10	-918
Persian Gulf⁴	0	0	-3	0	-	-	0	0	-	-	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-September 2013
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-1	-	-	-6	-3	13	1	6
Algeria	-	-	-	1	-	10	-	3
Angola	-	-	-	-	-	5	-	-
Ecuador	-	-	-	0	0	-4	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	0	-	-
Kuwait	0	-	-	2	0	0	-	-
Libya	0	-	-	0	-	9	-	-
Nigeria	-1	-	-	-23	0	3	-	3
Qatar	-	-	-	-	-	0	-	-
Saudi Arabia	0	-	-	1	1	0	0	-
United Arab Emirates	0	-	-	0	0	-7	-	-
Venezuela	0	-	-	12	-4	-2	1	0
Non-OPEC	-2	0	-	-75	-32	-147	31	2
Argentina	0	-	-	0	0	-1	1	0
Aruba	0	-	-	-3	-	-4	-	-
Australia	0	-	-	-	0	0	-	-
Bahamas	0	-	-	-2	-1	-7	-	-
Bahrain	0	-	-	-	-	-	-	-
Belgium	-	-	-	0	0	0	0	-
Brazil	0	-	-	-5	-3	14	1	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-3	0	-	-47	2	29	4	2
Chad	-	-	-	-	-	0	-	-
China	0	-	-	0	-2	-1	-	-
Colombia	0	-	-	-2	-11	16	-	-
Denmark	-	-	-	-	0	3	-	-
Dominican Republic	0	-	-	-3	-1	-2	-	-
Equatorial Guinea	0	-	-	-	-	0	-	-
Estonia	-	-	-	-	-	1	-	-
Finland	0	-	-	-1	0	-	-	-
France	0	-	-	-1	0	2	0	0
Gabon	-	-	-	-	-	1	-	-
Germany	0	-	-	0	0	0	1	-
Guatemala	0	-	-	-2	0	-1	-	-
Honduras	0	-	-	-1	0	-12	-	-
India	0	-	-	3	0	0	0	-
Indonesia	-	-	-	-	0	1	-	-
Italy	-	-	-	-	0	0	1	-
Japan	1	-	-	9	1	0	1	-
Korea, South	0	-	-	34	0	1	4	-
Latvia	-	-	-	-	-	-1	-	-
Lithuania	0	-	-	-	-	-	-	-
Malaysia	-	-	-	-	0	1	-	-
Mexico	0	-	-	-2	-5	1	11	-
Netherlands	0	-	-	-8	-2	-26	3	-
Netherlands Antilles	-	-	-	1	-	-	-	-
Norway	-	-	-	-1	-	0	-	-
Oman	-	-	-	-	0	0	-	-
Panama	0	-	-	-13	0	-35	-	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	0	-	-	-	0	0	-	-
Russia	0	-	-	-	0	37	-	-
Spain	0	-	-	-	0	1	0	-
Sweden	-	-	-	-	-	1	-	-
Trinidad and Tobago	0	-	-	0	0	14	-	-
United Kingdom	0	-	-	-9	0	-5	1	-
Vietnam	0	-	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	-1	-	-1	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-21	-10	-174	3	0
Total	-3	0	-	-81	-35	-133	32	8
Persian Gulf⁴	0	-	-	3	1	-7	0	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-September 2013
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-6	1	1	0	-2	3,549
Algeria	0	—	0	0	—	78	110
Angola	0	—	0	—	0	14	237
Ecuador	0	-2	0	-1	0	-70	164
Iran	—	—	—	—	—	0	0
Iraq	—	0	—	0	—	0	372
Kuwait	—	1	0	0	—	3	319
Libya	—	—	—	0	—	19	77
Nigeria	—	0	0	-2	—	5	294
Qatar	0	-1	—	6	—	6	6
Saudi Arabia	0	-1	—	0	0	1	1,274
United Arab Emirates	0	-1	0	-1	0	-13	-13
Venezuela	0	-1	1	0	0	-44	710
Non-OPEC	0	-506	1	-42	-1	-1,179	2,945
Argentina	0	2	0	-1	0	-40	-24
Aruba	—	—	0	0	—	-19	-19
Australia	0	-7	0	-1	0	-9	-7
Bahamas	0	—	0	0	0	-25	-25
Bahrain	0	-2	—	2	—	0	0
Belgium	0	-6	0	-5	0	16	16
Brazil	0	-33	-1	-9	0	-126	-10
Brunei	—	—	—	0	—	0	0
Cameroon	—	—	0	0	—	3	3
Canada	-1	-29	18	-1	0	155	2,597
Chad	—	—	—	0	—	0	65
China	2	-104	-1	-1	0	-108	-107
Colombia	0	0	0	-3	0	-93	299
Denmark	0	-2	0	0	0	2	2
Dominican Republic	0	-3	-1	0	0	-44	-44
Equatorial Guinea	—	—	—	0	—	0	14
Estonia	—	—	—	0	—	2	2
Finland	0	—	0	0	—	14	14
France	0	-9	0	-1	0	-56	-56
Gabon	—	—	0	0	0	1	29
Germany	0	-3	0	0	0	2	2
Guatemala	0	-4	0	-1	0	-34	-28
Honduras	0	-2	0	0	—	-40	-40
India	0	-35	0	-3	0	33	33
Indonesia	0	0	0	1	0	6	21
Italy	0	-20	0	0	—	-12	-12
Japan	1	-62	0	-1	0	-88	-88
Korea, South	0	-7	0	10	0	53	53
Latvia	—	—	0	0	0	6	6
Lithuania	0	—	—	0	—	4	4
Malaysia	0	0	0	0	0	0	0
Mexico	-1	-46	-4	-11	0	-425	400
Netherlands	0	-11	0	0	0	-151	-149
Netherlands Antilles	0	—	0	—	—	2	2
Norway	0	-3	0	0	—	33	43
Oman	—	0	—	0	—	0	3
Panama	0	-3	0	-1	0	-157	-157
Portugal	0	-2	—	0	—	12	12
Puerto Rico	0	—	0	0	0	-2	-2
Russia	0	—	0	0	0	439	484
Spain	0	-11	0	0	0	9	9
Sweden	0	0	—	0	0	5	5
Trinidad and Tobago	0	0	0	-1	0	19	28
United Kingdom	0	-3	0	0	0	88	114
Vietnam	0	0	0	0	0	0	14
Virgin Islands, U.S.	—	—	0	0	—	-21	-21
Yemen	—	0	—	0	—	0	0
Other	-1	-101	-10	-15	-1	-633	-540
Total	0	-512	3	-41	-1	-1,181	6,494
Persian Gulf⁴	0	-5	0	7	0	-4	1,957

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, September 2013
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	10,326	102,610	882,207	19,287	52,719	1,067,149
Refinery	8,139	12,920	44,531	2,484	22,704	90,778
Tank Farms and Pipelines (Includes Cushing, OK)	2,033	84,878	122,497	12,956	26,534	248,898
Cushing, Oklahoma	—	33,017	—	—	—	33,017
Leases	154	4,812	19,210	3,847	678	28,701
Strategic Petroleum Reserve ¹	—	—	695,969	—	—	695,969
Alaskan In Transit	—	—	—	—	2,803	2,803
Total Stocks, All Oils (excluding Crude Oil)²	143,576	177,961	335,392	17,421	90,121	764,472
Refinery	16,380	49,521	124,025	10,286	51,773	251,985
Bulk Terminal	99,828	93,191	158,615	4,116	33,273	389,024
Pipeline	27,120	34,208	48,480	2,845	4,561	117,214
Natural Gas Processing Plant	248	1,041	4,272	174	514	6,249
Pentanes Plus	82	7,743	9,666	231	314	18,036
Refinery	—	415	402	35	4	856
Bulk Terminal	16	2,357	7,641	2	202	10,218
Pipeline	—	4,793	1,380	145	—	6,318
Natural Gas Processing Plant	66	178	243	49	108	644
Liquefied Petroleum Gases	6,459	51,087	104,472	1,662	7,956	171,636
Refinery	837	5,761	9,361	396	2,328	18,683
Bulk Terminal	5,011	37,163	81,732	7	5,222	129,135
Pipeline	429	7,300	9,350	1,134	—	18,213
Natural Gas Processing Plant	182	863	4,029	125	406	5,605
Ethane/Ethylene	15	4,694	29,282	453	—	34,444
Refinery	—	—	171	—	—	171
Bulk Terminal	—	3,040	25,146	—	—	28,186
Ethylene	—	—	2,942	—	—	2,942
Pipeline	15	1,465	3,638	452	—	5,570
Natural Gas Processing Plant	—	189	327	1	—	517
Propane/Propylene	4,442	24,444	36,081	543	2,272	67,782
Refinery	211	2,022	1,682	39	150	4,104
Bulk Terminal	3,701	17,676	28,840	3	2,088	52,308
Nonfuel Use	—	—	3,229	—	—	3,229
Pipeline	414	4,357	3,809	437	—	9,017
Natural Gas Processing Plant	116	389	1,750	64	34	2,353
Normal Butane/Butylene	1,673	20,078	31,609	472	5,110	58,942
Refinery	446	3,323	6,449	252	1,677	12,147
Bulk Terminal	1,193	15,600	22,527	3	3,105	42,428
Refinery Grade Butane	—	8,276	5,439	—	126	13,841
Pipeline	—	989	1,213	166	—	2,368
Natural Gas Processing Plant	34	166	1,420	51	328	1,999
Isobutane/Isobutylene	329	1,871	7,500	194	574	10,468
Refinery	180	416	1,059	105	501	2,261
Bulk Terminal	117	847	5,219	1	29	6,213
Pipeline	—	489	690	79	—	1,258
Natural Gas Processing Plant	32	119	532	9	44	736
Other Hydrocarbons	—	21	—	—	—	21
Refinery	—	21	—	—	—	21
Oxygenates (excluding Fuel Ethanol)	—	—	966	—	—	966
Refinery	—	—	78	—	—	78
Bulk Terminal	—	—	888	—	—	888
Pipeline	—	—	—	—	—	—
MTBE	—	—	710	—	—	710
Refinery	—	—	78	—	—	78
Bulk Terminal ³	—	—	632	—	—	632
Pipeline	—	—	—	—	—	—
Other Oxygenates⁴	—	—	256	—	—	256
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	256	—	—	256
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	6,126	6,076	3,647	300	3,056	19,206
Refinery	125	186	206	95	210	822
Bulk Terminal	6,001	5,890	3,440	205	2,846	18,383
Pipeline	—	—	1	—	—	1
Fuel Ethanol	5,300	5,556	2,598	291	2,295	16,040
Refinery	120	96	132	90	44	482
Bulk Terminal	5,180	5,460	2,465	201	2,251	15,557
Pipeline	—	—	1	—	—	1
Renewable Diesel Fuel	826	520	1,044	9	761	3,161
Refinery	5	90	73	5	166	339
Bulk Terminal	821	430	971	4	595	2,822
Pipeline	—	—	—	—	—	—
Other Renewable Fuels	—	—	5	—	—	5
Refinery	—	—	1	—	—	1
Bulk Terminal	—	—	4	—	—	4
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, September 2013
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,594	12,851	44,038	2,996	19,282	82,761
Naphthas and Lighter	990	2,929	10,537	881	4,107	19,444
Refinery	930	2,929	9,919	881	4,043	18,702
Bulk Terminal	60	—	618	—	64	742
Kerosene and Light Gas Oils	444	2,522	8,177	392	3,072	14,607
Refinery	441	2,452	8,126	392	3,026	14,437
Bulk Terminal	3	70	51	—	46	170
Heavy Gas Oils	1,491	5,003	19,386	1,393	9,139	36,412
Refinery	1,491	4,658	16,453	1,393	9,114	33,109
Bulk Terminal	—	345	2,933	—	25	3,303
Residuum	669	2,397	5,938	330	2,964	12,298
Refinery	669	2,341	5,938	330	2,964	12,242
Bulk Terminal	—	56	—	—	—	56
Motor Gasoline Blending Components	51,283	36,433	64,223	2,585	24,287	178,811
Refinery	5,619	11,166	27,127	1,800	12,775	58,487
Bulk Terminal	36,669	15,117	21,175	559	9,877	83,397
Pipeline	8,995	10,150	15,921	226	1,635	36,927
Reformulated - RBOB	17,295	6,793	10,753	—	12,529	47,370
Refinery	1,550	1,562	2,034	—	5,213	10,359
Bulk Terminal	12,114	3,568	4,236	—	6,085	26,003
Pipeline	3,631	1,663	4,483	—	1,231	11,008
Conventional	33,988	29,640	53,470	2,585	11,758	131,441
Refinery	4,069	9,604	25,093	1,800	7,562	48,128
Bulk Terminal	24,555	11,549	16,939	559	3,792	57,394
Pipeline	5,364	8,487	11,438	226	404	25,919
CBOB	23,715	21,700	26,655	853	4,528	77,451
Refinery	828	3,972	9,752	275	962	15,789
Bulk Terminal	17,523	10,414	6,677	352	3,165	38,131
Pipeline	5,364	7,314	10,226	226	401	23,531
GTAB	1,208	—	—	—	—	1,208
Refinery	—	—	—	—	—	—
Bulk Terminal	1,208	—	—	—	—	1,208
Pipeline	—	—	—	—	—	—
Other	9,065	7,940	26,815	1,732	7,230	52,782
Refinery	3,241	5,632	15,341	1,525	6,600	32,339
Bulk Terminal	5,824	1,135	10,262	207	627	18,055
Pipeline	—	1,173	1,212	—	3	2,388
Aviation Gasoline Blending Components	—	—	3	—	—	3
Refinery	—	—	3	—	—	3
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	6,829	13,318	12,739	3,678	3,876	40,440
Refinery	73	2,689	3,824	1,758	1,801	10,145
Bulk Terminal	2,764	7,483	4,464	1,187	1,829	17,727
Pipeline	3,992	3,146	4,451	733	246	12,568
Reformulated	27	—	—	—	16	43
Refinery	—	—	—	—	16	16
Bulk Terminal	27	—	—	—	—	27
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	27	—	—	—	16	43
Refinery	—	—	—	—	16	16
Bulk Terminal	27	—	—	—	—	27
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	6,802	13,318	12,739	3,678	3,860	40,397
Refinery	73	2,689	3,824	1,758	1,785	10,129
Bulk Terminal	2,737	7,483	4,464	1,187	1,829	17,700
Pipeline	3,992	3,146	4,451	733	246	12,568
Conventional (Blended with Fuel Ethanol)	19	148	52	38	—	257
Refinery	—	—	—	38	—	38
Bulk Terminal	19	148	52	—	—	219
Pipeline	—	—	—	—	—	—
Ed55 and Lower	19	148	52	38	—	257
Refinery	—	—	—	38	—	38
Bulk Terminal	19	148	52	—	—	219
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	6,783	13,170	12,687	3,640	3,860	40,140
Refinery	73	2,689	3,824	1,720	1,785	10,091
Bulk Terminal	2,718	7,335	4,412	1,187	1,829	17,481
Pipeline	3,992	3,146	4,451	733	246	12,568

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, September 2013
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	181	186	503	19	209	1,098
Refinery	—	101	444	19	116	680
Bulk Terminal	181	85	59	—	93	418
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	12,521	6,239	12,391	702	9,233	41,086
Refinery	453	1,829	5,759	304	3,648	11,993
Bulk Terminal	6,146	3,011	2,202	377	4,636	16,372
Pipeline	5,922	1,399	4,430	21	949	12,721
Kerosene	1,416	171	161	—	88	1,836
Refinery	133	136	31	—	7	307
Bulk Terminal	1,249	35	130	—	81	1,495
Pipeline	34	—	—	—	—	34
Distillate Fuel Oil²	41,130	30,542	40,664	3,618	12,653	128,607
Refinery	3,107	6,913	14,344	1,714	5,482	31,560
Bulk Terminal	30,275	16,209	13,378	1,318	5,440	66,620
Pipeline	7,748	7,420	12,942	586	1,731	30,427
15 ppm sulfur and Under	29,290	29,417	32,579	3,262	10,915	105,463
Refinery	1,691	6,180	10,858	1,475	4,199	24,403
Bulk Terminal	21,144	16,010	10,188	1,273	5,046	53,661
Pipeline	6,455	7,227	11,533	514	1,670	27,399
Greater than 15 ppm to 500 ppm sulfur	717	575	2,627	203	476	4,598
Refinery	244	184	1,250	86	299	2,063
Bulk Terminal	414	198	727	45	166	1,550
Pipeline	59	193	650	72	11	985
Greater than 500 ppm sulfur	11,123	550	5,458	153	1,262	18,546
Refinery	1,172	549	2,236	153	984	5,094
Bulk Terminal	8,717	1	2,463	—	228	11,409
Pipeline	1,234	—	759	—	50	2,043
Residual Fuel Oil⁵	8,415	1,443	20,332	196	5,319	35,705
Refinery	677	1,050	4,298	196	3,370	9,591
Bulk Terminal	7,738	393	16,034	—	1,949	26,114
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	1,153	217	1,106	20	600	3,096
Refinery	122	—	162	20	181	485
Bulk Terminal	1,031	217	944	—	419	2,611
0.31% to 1.00% Sulfur	3,135	186	2,707	11	1,093	7,132
Refinery	389	152	272	11	904	1,728
Bulk Terminal	2,746	34	2,435	—	189	5,404
Greater than 1.00% Percent Sulfur	4,127	1,040	16,519	165	3,626	25,477
Refinery	166	898	3,864	165	2,285	7,378
Bulk Terminal	3,961	142	12,655	—	1,341	18,099
Petrochemical Feedstocks	130	668	3,065	—	2	3,865
Refinery	130	668	3,065	—	2	3,865
Naphtha for Petrochemical Feedstock Use	130	545	1,550	—	2	2,227
Other Oils for Petrochemical Feedstock Use	—	123	1,515	—	—	1,638
Special Naphthas	24	189	1,064	—	26	1,303
Refinery	14	122	809	—	26	971
Bulk Terminal	10	67	255	—	—	332
Lubricants	938	647	6,431	—	1,130	9,146
Refinery	530	271	4,738	—	881	6,420
Bulk Terminal	408	376	1,693	—	249	2,726
Waxes	224	43	504	—	—	771
Refinery	224	43	504	—	—	771
Petroleum Coke	—	1,353	5,574	50	1,292	8,269
Refinery	—	1,353	5,574	50	1,292	8,269
Asphalt and Road Oil	4,198	8,859	4,593	1,373	1,316	20,339
Refinery	901	4,325	2,671	912	602	9,411
Bulk Terminal	3,297	4,534	1,922	461	714	10,928
Miscellaneous Products	26	92	356	11	82	567
Refinery	26	92	351	11	82	562
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	5	—	—	5
Total Stocks, All Oils	153,902	280,571	1,217,599	36,708	142,840	1,831,621

— = No Data Reported.

¹ Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

² Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

³ Includes stocks held by merchant producers.

⁴ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁵ Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, September 2013
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	27	2,810	2,837	13,664	28,624	42,288	1,382
Connecticut	—	—	—	771	—	771	235
Delaware	—	—	—	461	571	1,032	126
District of Columbia	—	—	—	—	—	—	—
Florida	—	563	563	—	5,481	5,481	—
Georgia	—	191	191	8	1,799	1,807	11
Maine	—	112	112	—	442	442	102
Maryland	—	—	—	831	414	1,245	37
Massachusetts	7	—	7	1,288	—	1,288	20
New Hampshire	—	—	—	—	—	—	1
New Jersey	—	463	463	6,305	9,400	15,705	14
New York	20	501	521	926	1,814	2,740	457
North Carolina	—	320	320	—	1,651	1,651	282
Pennsylvania	—	178	178	1,362	4,862	6,224	68
Rhode Island	—	—	—	630	—	630	—
South Carolina	—	275	275	—	711	711	11
Vermont	—	19	19	—	—	—	2
Virginia	—	138	138	1,082	1,303	2,385	16
West Virginia	—	50	50	—	176	176	—
PAD District 2	—	10,172	10,172	5,130	21,153	26,283	171
Illinois	—	949	949	2,704	3,571	6,275	132
Indiana	—	1,205	1,205	1,094	2,880	3,974	—
Iowa	—	453	453	—	1,077	1,077	—
Kansas	—	1,286	1,286	—	1,697	1,697	11
Kentucky	—	251	251	450	902	1,352	7
Michigan	—	913	913	97	1,310	1,407	—
Minnesota	—	516	516	63	1,599	1,662	—
Missouri	—	289	289	274	545	819	—
Nebraska	—	215	215	—	463	463	—
North Dakota	—	331	331	—	487	487	—
Ohio	—	1,367	1,367	43	2,822	2,865	—
Oklahoma	—	1,730	1,730	—	1,368	1,368	8
South Dakota	—	119	119	—	185	185	—
Tennessee	—	210	210	—	1,147	1,147	13
Wisconsin	—	338	338	405	1,100	1,505	—
PAD District 3	—	8,288	8,288	6,270	42,032	48,302	161
Alabama	—	171	171	—	837	837	4
Arkansas	—	298	298	7	370	377	—
Louisiana	—	1,251	1,251	699	10,747	11,446	21
Mississippi	—	859	859	—	1,540	1,540	—
New Mexico	—	157	157	—	379	379	—
Texas	—	5,552	5,552	5,564	28,159	33,723	136
PAD District 4	—	2,945	2,945	—	2,359	2,359	—
Colorado	—	374	374	—	552	552	—
Idaho	—	375	375	—	77	77	—
Montana	—	1,008	1,008	—	662	662	—
Utah	—	593	593	—	640	640	—
Wyoming	—	595	595	—	428	428	—
PAD District 5	16	3,614	3,630	11,298	11,354	22,652	88
Alaska	—	718	718	—	—	—	81
Arizona	—	83	83	591	359	950	—
California	16	254	270	10,658	6,242	16,900	7
Hawaii	—	5	5	—	875	875	—
Nevada	—	333	333	15	219	234	—
Oregon	—	235	235	—	1,478	1,478	—
Washington	—	1,986	1,986	34	2,181	2,215	—
U.S. Total	43	27,829	27,872	36,362	105,522	141,884	1,802

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, September 2013
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	22,835	658	9,889	33,382	8,415	4,028
Connecticut	710	4	1,077	1,791	16	—
Delaware	237	155	294	686	140	18
District of Columbia	—	—	—	—	—	—
Florida	2,151	82	37	2,270	1,027	40
Georgia	1,257	—	—	1,257	421	15
Maine	250	31	795	1,076	201	—
Maryland	942	—	564	1,506	268	4
Massachusetts	530	1	1,296	1,827	130	—
New Hampshire	102	—	152	254	45	21
New Jersey	7,191	9	2,376	9,576	3,563	176
New York	3,127	70	586	3,783	1,211	1,440
North Carolina	1,205	38	34	1,277	—	248
Pennsylvania	2,431	74	1,796	4,301	662	1,045
Rhode Island	288	—	559	847	59	246
South Carolina	689	—	—	689	291	694
Vermont	10	—	17	27	—	—
Virginia	1,599	179	306	2,084	381	29
West Virginia	116	15	—	131	—	52
PAD District 2	22,190	382	550	23,122	1,443	20,087
Illinois	3,500	—	—	3,500	287	880
Indiana	3,264	—	101	3,365	163	289
Iowa	1,671	41	—	1,712	9	517
Kansas	2,609	—	91	2,700	34	13,323
Kentucky	788	59	2	849	105	278
Michigan	1,314	—	—	1,314	134	3,242
Minnesota	1,413	4	22	1,439	90	383
Missouri	502	6	1	509	—	204
Nebraska	787	—	—	787	—	282
North Dakota	683	40	—	723	45	44
Ohio	1,642	50	161	1,853	194	501
Oklahoma	1,479	26	117	1,622	148	106
South Dakota	530	—	—	530	—	6
Tennessee	826	34	—	860	169	2
Wisconsin	1,182	122	55	1,359	65	30
PAD District 3	21,046	1,977	4,699	27,722	20,332	32,272
Alabama	725	23	34	782	354	25
Arkansas	484	—	35	519	—	80
Louisiana	3,868	1,200	1,178	6,246	9,511	1,367
Mississippi	939	517	223	1,679	93	2,480
New Mexico	300	—	56	356	76	9
Texas	14,730	237	3,173	18,140	10,298	28,311
PAD District 4	2,748	131	153	3,032	196	106
Colorado	500	—	—	500	11	24
Idaho	226	—	—	226	—	—
Montana	931	29	—	960	98	20
Utah	569	30	153	752	28	23
Wyoming	522	72	—	594	59	39
PAD District 5	9,245	465	1,212	10,922	5,319	2,272
Alaska	896	2	204	1,102	332	5
Arizona	347	5	—	352	—	1,499
California	5,120	380	639	6,139	2,954	644
Hawaii	206	—	363	569	927	94
Nevada	273	—	6	279	—	1
Oregon	804	—	—	804	170	—
Washington	1,599	78	—	1,677	936	29
U.S. Total	78,064	3,613	16,503	98,180	35,705	58,765

— = No Data Reported.

¹ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 2013
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	260	540	-	535	15,317	2,277	-	285	27,261
Petroleum Products	8,922	74	0	2,597	13,930	3,388	0	97,061	25,289
Pentanes Plus	0	0	-	-	649	69	-	-	3,064
Liquefied Petroleum Gases	0	0	-	866	9,091	891	-	1,702	3,506
Unfinished Oils	0	0	-	-	1,230	-	-	-	343
Motor Gasoline Blending Components	5,550	0	0	770	663	630	0	45,027	9,388
Reformulated - RBOB	0	0	0	65	209	-	0	7,363	3,538
Conventional	5,550	0	0	705	454	630	0	37,664	5,850
CBOB	5,416	0	0	705	195	630	0	37,664	4,755
GTAB	-	-	-	-	-	-	-	-	-
Other	134	0	-	0	259	-	-	0	1,095
Renewable Fuels	0	0	-	0	10	-	-	130	46
Fuel Ethanol	0	0	-	0	10	-	-	108	0
Renewable Diesel Fuel	0	0	-	0	0	-	-	22	46
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	521	0	0	261	314	621	0	10,868	2,507
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	521	0	0	261	314	621	0	10,868	2,507
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	521	0	0	261	314	621	0	10,868	2,507
Finished Aviation Gasoline	-	0	-	0	0	-	-	32	-
Kerosene-Type Jet Fuel	218	0	0	114	18	808	0	13,837	1,278
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,626	0	0	448	754	369	0	24,759	4,706
15 ppm sulfur and under	2,525	0	0	432	754	369	0	22,124	4,655
Greater than 15 ppm to 500 ppm sulfur	101	0	0	16	0	0	0	180	51
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	2,455	-
Residual Fuel Oil	0	0	-	7	1,005	-	-	0	16
Petrochemical Feedstocks	0	0	-	0	120	-	-	26	0
Naphtha for Petrochemical Feedstock Use	0	0	-	0	120	-	-	26	0
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-	-	-	57
Lubricants	7	74	0	0	0	-	0	635	341
Waxes	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	131	56	-	-	45	37
Miscellaneous Products	0	0	-	-	20	-	-	-	0
Total	9,182	614	0	3,132	29,247	5,665	0	97,346	52,550

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 2013
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to			From 5 to			
	4	5	2	3	5	1	2	3	4
Crude Oil	0	—	7,281	503	—	0	0	0	0
Petroleum Products	0	4,270	5,642	4,800	906	0	0	222	0
Pentanes Plus	0	—	582	626	—	—	0	0	0
Liquefied Petroleum Gases	0	—	3,982	4,174	—	0	0	0	0
Unfinished Oils	—	—	0	0	—	—	0	0	—
Motor Gasoline Blending Components	0	3,271	124	0	0	0	0	0	0
Reformulated - RBOB	—	2,072	0	0	0	0	0	0	—
Conventional	0	1,199	124	0	0	0	0	0	0
CBOB	0	1,199	124	0	0	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	—	0	0	0	—
Renewable Fuels	—	—	0	0	—	0	0	0	—
Fuel Ethanol	—	—	0	0	—	0	0	0	—
Renewable Diesel Fuel	—	—	0	0	—	0	0	0	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	506	0	770	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	506	0	770	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	506	0	770	0	0	0	0
Finished Aviation Gasoline	—	—	—	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	281	30	0	0	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	718	418	0	136	0	0	0	0
15 ppm sulfur and under	0	718	418	0	124	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	12	0	0	0	0
Greater than 500 ppm sulfur	—	—	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	0	0	—	0	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	—	0	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	0	0	—	—	0	0	—
Lubricants	—	0	0	0	0	0	0	222	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	—	0	0	0	—
Miscellaneous Products	—	—	0	0	—	—	0	0	—
Total	0	4,270	12,923	5,303	906	0	0	222	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2013
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	155	413	266	11,612	2,277	285	27,261	0	-
Petroleum Products	8,740	0	1,476	11,191	3,388	80,091	23,584	0	4,270
Pentanes Plus	0	0	-	649	69	-	3,064	0	-
Liquefied Petroleum Gases	0	0	866	9,091	891	1,680	3,506	0	-
Motor Gasoline Blending Components	5,416	0	40	404	630	36,603	8,791	0	3,271
Reformulated - RBOB	0	0	0	209	-	7,363	3,538	-	2,072
Conventional	5,416	0	40	195	630	29,240	5,253	0	1,199
CBOB	5,416	0	40	195	630	29,240	4,755	0	1,199
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	498	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	521	0	188	275	621	7,563	2,507	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	521	0	188	275	621	7,563	2,507	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	521	0	188	275	621	7,563	2,507	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	218	0	114	18	808	12,179	1,278	0	281
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,585	0	268	754	369	22,066	4,438	0	718
15 ppm sulfur and under	2,494	0	252	754	369	19,431	4,387	0	718
Greater than 15 ppm to 500 ppm sulfur	91	0	16	0	0	180	51	0	0
Greater than 500 ppm sulfur	-	0	0	0	-	2,455	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	8,895	413	1,742	22,803	5,665	80,376	50,845	0	4,270

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2013
(Thousand Barrels) — Continued

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
Crude Oil	7,281	503	—	0	0
Petroleum Products	5,642	4,800	906	0	0
Pentanes Plus	582	626	—	0	0
Liquefied Petroleum Gases	3,982	4,174	—	0	0
Motor Gasoline Blending Components	124	0	0	0	0
Reformulated - RBOB	0	0	0	0	—
Conventional	124	0	0	0	0
CBOB	124	0	0	0	0
GTAB	—	—	—	—	—
Other	0	0	—	0	—
Renewable Fuels	—	—	—	—	—
Fuel Ethanol	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—
Finished Motor Gasoline	506	0	770	0	0
Reformulated	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—
Reformulated Other	—	—	—	—	—
Conventional	506	0	770	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—
Greater than Ed55	—	—	—	—	—
Conventional Other	506	0	770	0	0
Finished Aviation Gasoline	—	—	—	—	—
Kerosene-Type Jet Fuel	30	0	0	0	0
Kerosene	—	—	—	—	—
Distillate Fuel Oil	418	0	136	0	0
15 ppm sulfur and under	418	0	124	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	12	0	0
Greater than 500 ppm sulfur	—	0	—	0	—
Residual Fuel Oil	—	—	—	—	—
Miscellaneous Products	—	—	—	—	—
Total	12,923	5,303	906	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, September 2013
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	105	127	—	269	3,705	—
Petroleum Products	182	74	0	1,121	2,739	0
Liquefied Petroleum Gases	—	0	—	0	0	—
Unfinished Oils	0	0	—	—	1,230	—
Motor Gasoline Blending Components	134	0	—	730	259	—
Reformulated - RBOB	0	—	—	65	—	—
Conventional	134	0	—	665	259	—
CBOB	0	0	—	665	0	—
GTAB	—	—	—	—	—	—
Other	134	0	—	0	259	—
Renewable Fuels	0	0	—	0	10	—
Fuel Ethanol	0	0	—	0	10	—
Renewable Diesel Fuel	0	0	—	0	0	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	0	—	73	39	—
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	0	—	73	39	—
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	0	—	73	39	—
Finished Aviation Gasoline	—	0	—	0	0	—
Kerosene-Type Jet Fuel	—	0	—	0	0	—
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	41	0	—	180	0	—
15 ppm sulfur and under	31	0	—	180	0	—
Greater than 15 ppm to 500 ppm sulfur	10	—	—	0	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—
Residual Fuel Oil	0	0	—	7	1,005	—
Less than 0.31 percent sulfur	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	0	—	7	1,005	—
Petrochemical Feedstocks	0	0	—	0	120	—
Naphtha for Petrochemical Feedstock Use	0	0	—	0	120	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—
Lubricants	7	74	0	0	0	0
Waxes	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	131	56	—
Miscellaneous Products	0	0	—	—	20	—
Total	287	201	0	1,390	6,444	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, September 2013
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	0	—	—	—	0	—	0	0	0
Petroleum Products	16,970	—	390	16,580	1,705	0	0	0	222
Liquefied Petroleum Gases	22	—	—	22	—	—	0	—	0
Unfinished Oils	—	—	—	—	343	—	—	0	0
Motor Gasoline Blending Components	8,424	—	—	8,424	597	—	0	0	0
Reformulated - RBOB	0	—	—	—	0	—	0	0	—
Conventional	8,424	—	—	8,424	597	—	0	0	0
CBOB	8,424	—	—	8,424	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	0	—	—	—	597	—	0	0	0
Renewable Fuels	130	—	—	130	46	—	0	0	0
Fuel Ethanol	108	—	—	108	0	—	0	0	0
Renewable Diesel Fuel	22	—	—	22	46	—	0	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	3,305	—	—	3,305	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	3,305	—	—	3,305	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	3,305	—	—	3,305	0	—	0	0	0
Finished Aviation Gasoline	32	—	—	32	—	—	0	—	0
Kerosene-Type Jet Fuel	1,658	—	—	1,658	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,693	—	—	2,693	268	—	0	0	0
15 ppm sulfur and under	2,693	—	—	2,693	268	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	0	—	—	—	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	0	—	—	—	16	—	0	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	—	—	—	16	—	0	0	0
Petrochemical Feedstocks	26	—	—	26	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	26	—	—	26	0	—	0	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	57	—	—	0	0
Lubricants	635	—	390	245	341	0	0	0	222
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	45	—	—	45	37	—	0	0	0
Miscellaneous Products	—	—	—	—	0	—	—	0	0
Total	16,970	—	390	16,580	1,705	0	0	0	222

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 2013
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	820	800	20	34,802	18,129	16,673	16,360	27,546	-11,186
Petroleum Products	99,658	8,996	98,717	39,853	19,915	3,495	19,026	126,620	-103,911
Pentanes Plus	0	0	-	3,646	718	2,928	1,275	3,064	-1,789
Liquefied Petroleum Gases	2,568	0	2,568	7,488	10,848	-3,360	13,265	5,208	8,057
Ethane/Ethylene	0	0	-	2,056	5,069	-3,013	7,192	763	6,429
Propane/Propylene	2,483	0	2,483	3,383	4,033	-650	3,954	3,398	556
Normal Butane/Butylene	85	0	85	1,434	1,278	156	1,397	799	598
Isobutane/Isobutylene	0	0	-	615	468	147	722	248	474
Unfinished Oils	0	0	-	343	1,230	-887	1,230	343	887
Motor Gasoline Blending Components	45,797	5,550	40,247	15,062	2,063	12,999	663	57,686	-57,023
Reformulated - RBOB	7,428	0	7,428	3,538	274	3,264	209	12,973	-12,764
Conventional	38,369	5,550	32,819	11,524	1,789	9,735	454	44,713	-44,259
CBOB	38,369	5,416	32,953	10,295	1,530	8,765	195	43,618	-43,423
GTAB	0	0	-	-	-	-	-	-	-
Other	0	134	-134	1,229	259	970	259	1,095	-836
Renewable Fuels	130	0	8,185	46	10	-16,407	10	176	3,517
Fuel Ethanol	108	0	7,791	0	10	-15,869	10	108	3,739
Renewable Diesel Fuel	22	0	394	46	0	-539	0	68	-222
Other Renewable Fuels	-	-	-	-	-	-	0	0	-
Finished Motor Gasoline	11,129	521	10,608	3,534	1,196	2,338	314	13,375	-13,061
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	11,129	521	10,608	3,534	1,196	2,338	314	13,375	-13,061
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	11,129	521	10,608	3,534	1,196	2,338	314	13,375	-13,061
Finished Aviation Gasoline	32	0	32	0	0	-	0	32	-32
Kerosene-Type Jet Fuel	13,951	218	13,733	1,526	940	586	18	15,396	-15,378
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,207	2,626	22,581	7,750	1,571	6,179	754	30,183	-29,429
15 ppm sulfur and under	22,556	2,525	20,031	7,598	1,555	6,043	754	27,497	-26,743
Greater than 15 ppm to 500 ppm sulfur	196	101	95	152	16	136	0	231	-231
Greater than 500 ppm sulfur	2,455	0	2,455	0	0	-	0	2,455	-2,455
Residual Fuel Oil	7	0	7	16	1,012	-996	1,005	16	989
Petrochemical Feedstocks	26	0	26	0	120	-120	120	26	94
Naphtha for Petrochemical Feedstock Use	26	0	26	0	120	-120	120	26	94
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	57	0	57	0	57	-57
Lubricants	635	81	554	348	0	348	296	976	-680
Waxes	0	0	-	0	0	-	0	0	-
Asphalt and Road Oil	176	0	176	37	187	-150	56	82	-26
Miscellaneous Products	0	0	-	0	20	-20	20	0	20
Total	100,478	9,796	98,737	74,655	38,044	20,168	35,386	154,166	-115,097

See footnotes at end of table.

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, September 2013
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,277	7,784	-5,507	0	0	-
Petroleum Products	3,388	11,348	-7,539	5,176	222	9,239
Pentanes Plus	69	1,208	-1,139	0	0	-
Liquefied Petroleum Gases	891	8,156	-7,265	0	0	-
Ethane/Ethylene	133	3,549	-3,416	0	0	-
Propane/Propylene	495	2,884	-2,389	0	0	-
Normal Butane/Butylene	192	1,031	-839	0	0	-
Isobutane/Isobutylene	71	692	-621	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	630	124	506	3,271	0	3,271
Reformulated - RBOB	-	-	-	2,072	0	2,072
Conventional	630	124	506	1,199	0	1,199
CBOB	630	124	506	1,199	0	1,199
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Renewable Fuels	0	0	421	0	0	4,285
Fuel Ethanol	0	0	355	0	0	3,984
Renewable Diesel Fuel	0	0	66	0	0	301
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	621	1,276	-655	770	0	770
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	621	1,276	-655	770	0	770
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	621	1,276	-655	770	0	770
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	808	30	778	281	0	281
Kerosene	-	-	-	0	0	-
Distillate Fuel Oil	369	554	-185	854	0	854
15 ppm sulfur and under	369	542	-173	842	0	842
Greater than 15 ppm to 500 ppm sulfur	0	12	-12	12	0	12
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	0	222	-222
Waxes	0	0	-	0	0	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	0	0	-
Total	5,665	19,132	-13,046	5,176	222	9,239

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

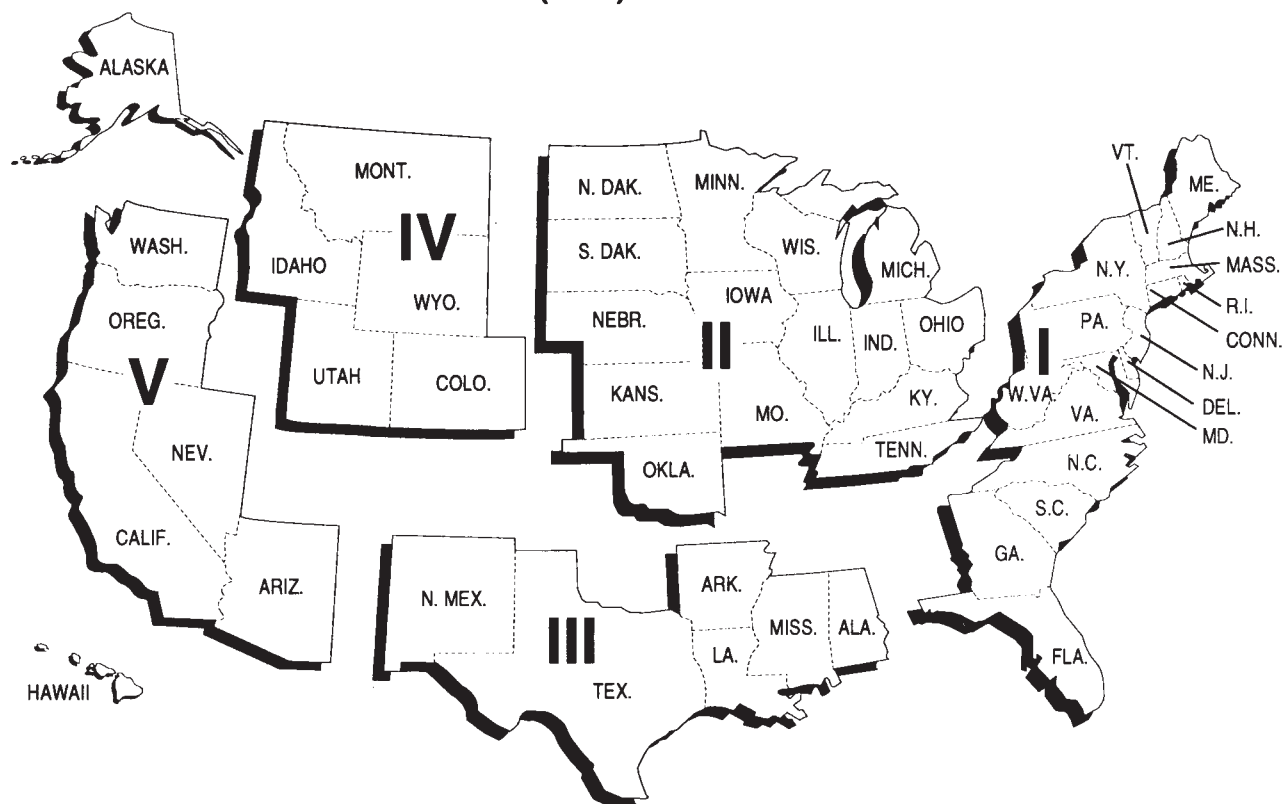
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

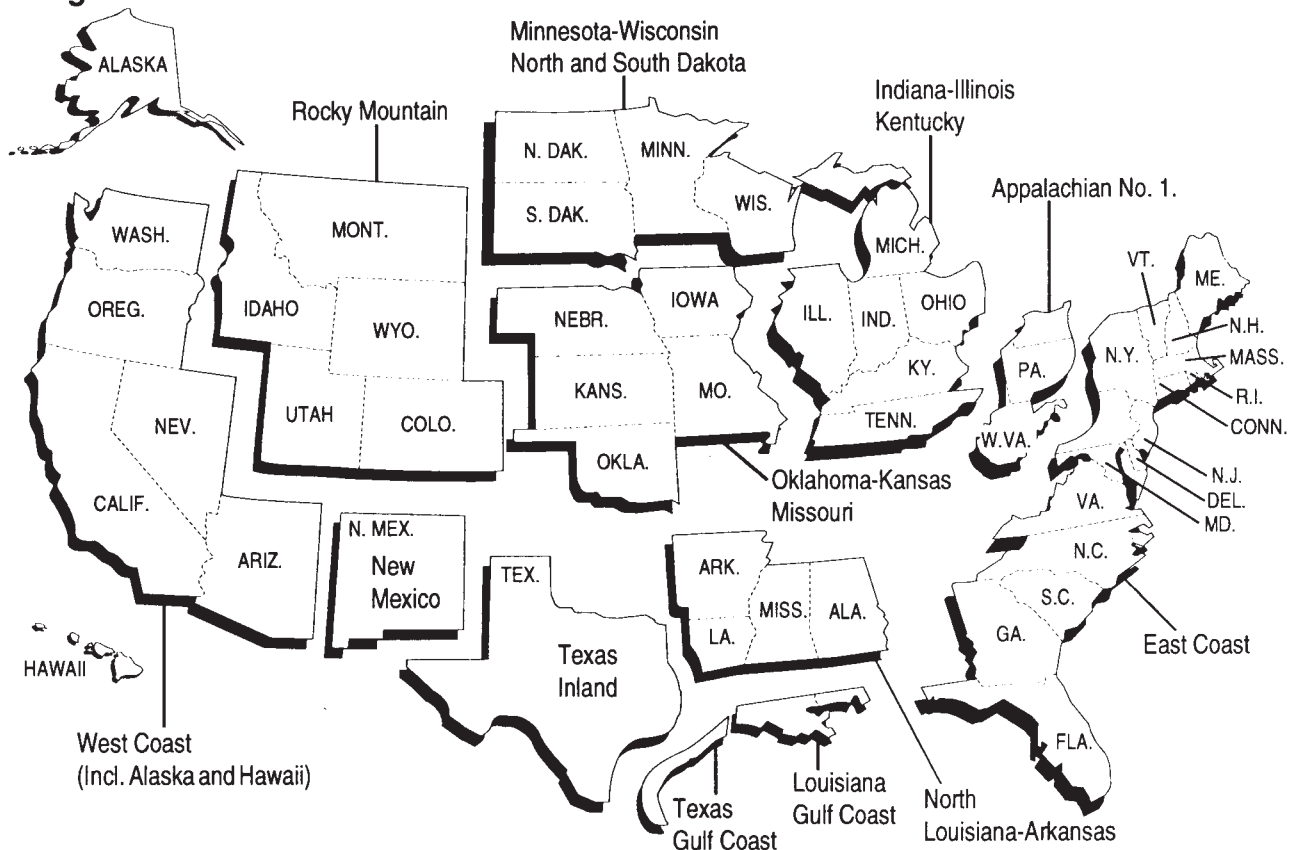
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



PSM Explanatory Notes

Preface.....	124
Appendix B. Explanatory Notes	125
1. Overview.....	125
A. The Energy Information Administration's Quality Guidelines.....	125
B. Concepts of Product Supply and Demand	125
C. Components of Supply and Demand	125
(1.) Supply.....	125
(2.) Disposition.....	126
(3.) Ending Stocks.....	127
2. Components - Forms Discussions	127
A. Petroleum Supply Reporting System.....	127
B. Monthly Supply Survey Description and Methodology	127
(1.) Description of Survey Forms.....	127
(2.) Frame.....	128
(3.) Collection	129
(4.) Processing and Micro Editing	129
(5.) Estimation and Imputation	129
(6.) Macro Editing.....	129
(7.) Dissemination	129
C. Derived Data	130
(1.) Domestic Crude Oil Production	130
(2.) Exports.....	130
(3.) Stocks of Crude Oil on Leases	130
(4.) Trans-Akaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL) Adjustment.....	131
(5.) Finished Motor Gasoline Adjustment.....	131
(6.) Motor Gasoline Blending Components Adjustment.....	132
(7.) Renewable Fuels including Fuel Ethanol Adjustment.....	132
(8.) Distillate Fuel Oil Adjustment.....	133
(9.) Crude Oil Adjustment.....	133
(10.) Other Hydrocarbon Adjustment	133
(11.) Hydrogren Adjustment	133
(12.) Oxygenates (excluding fuel ethanol) Adjustment	133
3. Quality	134
A. General Discussion	134
(1.) Response Rates.....	134
(2.) Non-sampling Errors	134
(3.) Resubmissions	134
(4.) Revision Policy.....	134
B. Data Assessment	134
4. Provisions Regarding Disclosure of Information	134

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol	136
--	-----

Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The PSM tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the PSM are published in the PSA. The PSA is published approximately five months after the end of the report year.

New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
 - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
 - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
 - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
 - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information. Information about EIA's quality program is available at <http://www.eia.doe.gov/smg/EIA-IQ-Guidelines.html>.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called "implied" demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, biodiesel producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or

the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants as well as biodiesel. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed

(input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge between PAD Districts are shown in Table 60.

Data for inter-PAD District movements of fuel ethanol and biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) by railroad tank cars and trucks are not currently available. Net Receipts are therefore “implied” for fuel ethanol and biodiesel. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender

Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, “Weekly Refinery Report,”
2. EIA-801, “Weekly Bulk Terminal Report,”
3. EIA-802, “Weekly Product Pipeline Report,”
4. EIA-803, “Weekly Crude Oil Stocks Report,”
5. EIA-804, “Weekly Imports Report,”
6. EIA-805, “Weekly Terminal Blender Report,”
7. EIA-809, “Weekly Oxygenate Report,”
8. EIA-22M, “Monthly Biodiesel Production Survey,”
9. EIA-810, “Monthly Refinery Report,”
10. EIA-812, “Monthly Product Pipeline Report,”
11. EIA-813, “Monthly Crude Oil Report,”
12. EIA-814, “Monthly Imports Report,”
13. EIA-815, “Monthly Terminal Blender Report,”
14. EIA-816, “Monthly Natural Gas Liquids Report,”
15. EIA-817, “Monthly Tanker and Barge Movement Report,”
16. EIA-819, “Monthly Oxygenate Report,”
17. EIA-820, “Annual Refinery Report.”

Both weekly and monthly surveys are administered at six key points

along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate and biodiesel plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-22M “Monthly Biodiesel Production Survey” collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of

tank farms is collected on a semi-annual basis.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, “Monthly Terminal Blender Report,” collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, “Monthly Natural Gas Liquids Report,” collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, “Monthly Tanker and Barge Movement Report,” collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, “Monthly Oxygenate Report” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify

new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

Respondents to Form EIA-810, “Monthly Refinery Report” include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, “Monthly Product Pipeline Report” include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, “Monthly Crude Oil Report” include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia.

Respondents to Form EIA-814, “Monthly Imports Report” include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, “Monthly Terminal Blender Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands,

Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, "Monthly Natural Gas Liquids Report" include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, "Monthly Tanker and Barge Movement Report" include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, "Monthly Oxygenate Report" include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years.

Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-22M, 810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, "Comparison of Independent Statistics on Petroleum Supply." Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, call the NEIC at 202-586-8800 or email them at infoctr@eia.doe.gov. This service is provided free of charge for a single copy. NEIC will not accept or print multiple copy orders.

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA's petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which "pivot" to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the *PSM* are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and State oil production for the current reference month, published in Tables 1 through 26 of the *PSM*, are based on:

- (a.) crude oil production data from State Government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;
- (b.) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" For some States, EIA uses current reported production from the State. For most States EIA calculates an estimate by using the lagged average ratio of the State reported data to EIA-182 data, applied to the current EIA-182 data. Estimates have to be made for crude oil production because complete and correct data from States may take from a few months

to a few years.

State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." Table 26 contains estimates for crude oil production for State and Federal offshore areas reported by State Agencies and the Bureau of Safety and Environmental Enforcement or estimated by the EIA. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly (<http://www.eia.gov/petroleum/supply/monthly/>) using reports from State agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Navigator and the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the *PSM* reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Stocks of Crude Oil on Leases

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state

data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the “lease adjustment” could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(4.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(5.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

Note on MTBE Adjustment: The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

◦ Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(6.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending

components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(7.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol

was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of biodiesel between PAD Districts, and so allocation of fuel biodiesel adjustments to PAD Districts is based on the ratio of biomass-based diesel blending reported on surveys in each PAD District divided by biomass-based diesel fuel blending reported on surveys for the entire U.S. Biodiesel implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Biodiesel implied net receipts are the balancing item between total supply and disposition in each PAD District. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments.

(8.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for December 2010.

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and to total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

(9.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

(10.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD District movements.

(11.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(12.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied

for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article "Accuracy of Petroleum Supply Data." Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the *PSM* has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the *PSA*. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the Previously published Petroleum Supply Annual every month in the Petroleum Supply Navigator (<http://www.eia.gov/petroleum/supply/monthly/>). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in the Petroleum Supply Navigator.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The PSM preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The PSM monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the PSM are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to

other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008
(Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
1997													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
1998													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
1999													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
2000													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
2001													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
2002													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
2003													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
2004													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
2005													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
2006													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
2007													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
2008													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbldpd_m_cur.htm

Note: Totals may not equal sum of components due to independent rounding.

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).

Appendix D

Northeast Home Heating Oil Reserve

Information on the Northeast Home Heating Oil Reserve is available from the U.S. Department of Energy (DOE) Office of Petroleum Reserves web site at <http://www.fossil.energy.gov/programs/reserves/heatingoil/>.

Northeast Home Heating Oil Reserve (NEHHOR) inventories now classified as ultra-low sulfur distillate (15 parts per million) are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve

Terminal Operator	Location	Thousands of Barrels
Hess Corp.	Groton, CT	500 *
Global Companies LLC	Revere, MA	500 *

* DOE has completed converting the NEHHOR from high sulfur heating oil to ultra-low sulfur distillate (15 parts per million). In 2011, two companies were awarded with contracts for storage of 500 thousand barrels each. Shipments to refill the reserve were completed in February 2012.

Source: Energy Information Administration

Definitions of Petroleum Products and Other Terms

(Revised May 2010)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C_4H_{10}). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C_4H_{10}). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C_4H_{10}). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Outer continental shelf as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating**.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate**.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate**.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate**.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See **Motor Gasoline Blending Components**.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH_3OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) $(CH_3)_3COCH_3$. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C_5H_{12}) , obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Other Oils Equal To or Greater Than 401° F. See *Petrochemical Feedstocks*.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See *Motor Gasoline (Finished)*.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0

percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including

interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C_3H_6) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts;

from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) $(CH_3)_3COH$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene $(C_6H_5CH_3)$. Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes

all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.